



Jon M. Huntsman, Jr.
Governor
Gary Herbert
Lieutenant Governor
F. Keith Stepan
Director

State of Utah

Division of Facilities Construction & Management

Department of Administrative Services
4110 State Office Building
Salt Lake City, Utah 84114
Phone (801) 538-3018
Fax (801) 538-3267

MEMORANDUM

Date: March 3, 2006

To: General Contractors

From: Matthias Mueller

Reference: Division of Facilities Construction and Management
New North Ogden Liquor Store and Demolition And Replacement Of The
Ogden (Patterson Avenue) Liquor Store
DFCM Project Nos. 04242030 and 04180030

Subject: **Addendum No. 4**

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted. Modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Cost Proposal Form.

4.1 Addendum No. 4 Attachments

This addendum consists of two addendum attachments from the AE firms of Frank Murdock Architect & Associates - for the New North Ogden (Harrisville) Liquor Store 04242030 and Eaton Architecture – for the Ogden (Patterson Avenue) Liquor Store 04180030.

END OF ADDENDUM 4

**Department of Alcoholic Beverage Control
New Harrisville, Utah Liquor Store**

Addendum No. A04

Issued Friday March 3, 2006

PROJECT

**New Harrisville, Ut Liquor Store
Department of Alcoholic Beverage Control
433 North Main Street, Tooele, Utah
DFCM Project No. 04242030**

ARCHITECT

**Frank N Murdock Jr Architect & Associates
975 East 100 South
Salt Lake City, Utah 84102
(801) 532-4441**

The original Contract Documents issued for the above noted project are amended as noted in this Addendum. It shall be the sole responsibility of the bidder to appropriately disseminate this data to all concerned, prior to the assigned bid time and date.

Receipt of this Addendum shall be acknowledged by inserting its number and date in the appropriate space provided on the bid form.

This document identifies changes made to the construction documents and may not be all-inclusive of the changes. Please refer to clouded changes on the re-issued and new drawings accompanying this Addendum.

Drawing AS101 has been re-issued with the following changes:

- 1.1 The handicap parking stalls have been modified and clouded. The built-up curb ramp has been eliminated and the sidewalk has been modified to provide a ramp to either direction (see Drawing AS501, note 2, below).
- 1.2 The north arrows have been rotated and clouded to reflect the correct orientation of the building and the site.
- 1.3 "Reference Note J" has been changed to reflect the location and description of the vinyl fence.
- 1.4 The termination of the vinyl fence on the north property line has been dimensioned and clouded.

Drawing AS102 has been re-issued with the following change:

- 1.1 The north arrow has been rotated and clouded to reflect the correct orientation of the building and the site.

Drawing AS103 has been re-issued with the following changes:

- 1.1 The north arrow has been rotated and clouded to reflect the correct orientation of the building and the site.
- 1.2 The culinary water line into the building shall be 1 1/2" diameter. The sanitary sewer line leaving the building shall be 4" diameter. Notes to this effect have been added and clouded.
- 1.3 Provide a 1 1/2" water meter and a 1 1/2" x 1 1/2" x 1 1/2" tee for the landscape sprinkling system. Notes to this effect have been added and clouded.

Drawing AS501 has been re-issued with the following changes:

- 1.1 Detail 2/AS501 has been modified and clouded to show a change in the mounting height for the Handicapped Parking signs.
- 1.2 Detail 15/AS501 has been modified and clouded to show the new access from the two customer handicap parking stalls to the front sidewalk of the building (see Drawing AS101, note 1.1, above).

Drawing A101 has been re-issued with the following changes:

- 1.1 Particle board wainscot is now shown on the floor plan and is represented by a dashed line. The detail for the particle board wainscot is Detail 3/A101 and a note referring to the wainscot is has been added at the bottom of the floor plan and clouded.
- 1.2 Dimension of the wall at the office has been added and clouded on Section 9/A101.
- 1.3 The wall near Door 09 has been dimensioned for location and length and clouded.
- 1.4 The three (3) contractor-provided display cabinets at the front of the store have been noted as Detail ADD-2 and clouded.
- 1.5 One owner-furnished display cabinet located near the office and near Grid 3 has been lengthened to 8'-0", which affects the recessed slab for the thick-set floor tile. The cabinet and location have been clouded.
- 1.6 Wall Type 1 and its description has been added and the applicable walls have been tagged on the floor plan.
- 1.7 Section 10/A101 has been modified.

Drawing A102 has been re-issued with the following changes:

- 1.1 The location of the north/south ceiling expansion joint has been changed and clouded.
- 1.2 The note regarding ceiling installation and bracing has been revised and clouded.

Drawing ADD-1 (new):

1. Drawing, ADD-1, showing the profile and a section of the employee entrance ramp at the rear of the building, has been included.

Drawing ADD-2 (new):

1. Drawing ADD-2, detailing the three (3) contractor-furnished display cabinets, has been included.

Specifications:

1. Section 9900 Painting. Add the following :

CONCRETE SEALER

- A. Penetrating Sealer: Water repellant coating for use over exterior sandblasted concrete, concrete masonry block, vertical pre-cast concrete and interior exposed concrete floors:

- | | |
|---------------------|----------------------------------|
| 1. Dayton Superior: | Weather Worker S-20 (20% Silane) |
| 2. Tamms: | Baracade Silane 20 |
| 3. Sonneborn: | Penetrating Sealer 20 |

The document, "Mechanical Compliance Certificate, 2003 IECC", comprising two (2) pages, is attached to this addendum and identified as Attachment #1.

The document, "Mechanical Requirements Description, 2003 IECC", comprising two (2) pages, is attached to this addendum and identified as Attachment #2.

The document, "Lighting Application Worksheet, 2003 IECC", comprising one (1) page, is attached to this addendum and identified as Attachment #3.

The document, "Lighting Compliance Certificate, 2003 IECC", comprising two (2) pages, is attached to this addendum and identified as Attachment #4.

The document, "Electrical Addendum", comprising two (2) pages, is attached to this addendum and identified as Attachment #5.

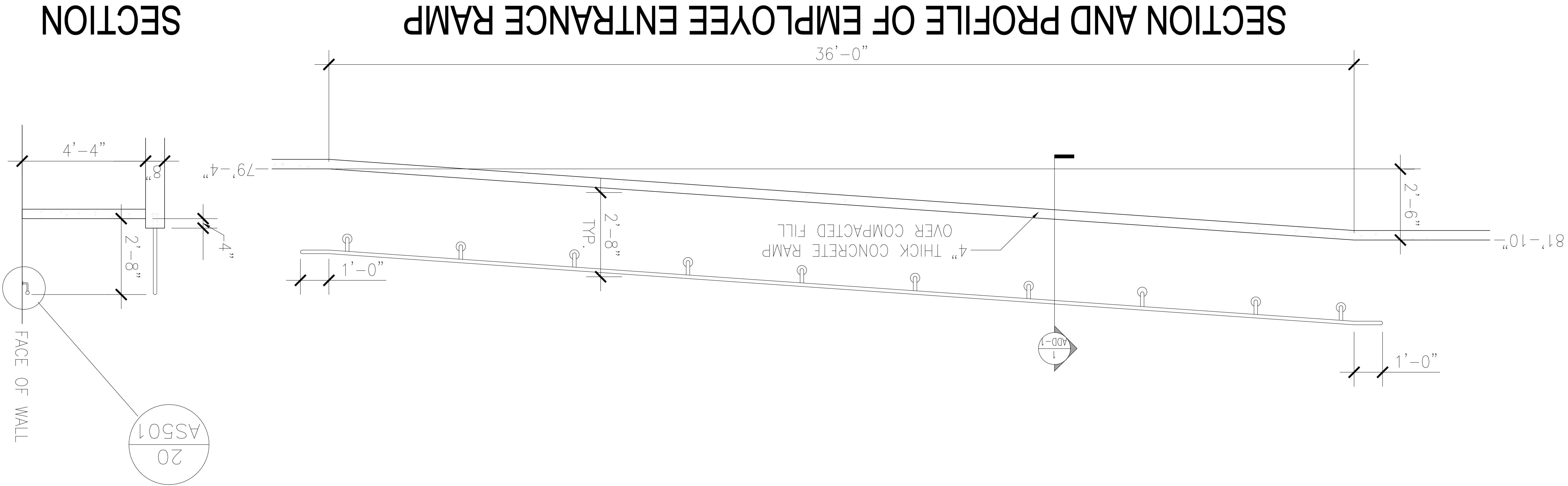
The document, "Structural Addendum", comprising five (5) pages, is attached to this addendum and identified as Attachment #6.

The "Code Criteria" shown on Drawing G002 has been revised and is attached to this addendum and identified as Attachment #7.

End of Document

Drawing ADD-1

Employee Entrance Ramp



SECTION

DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL
NEW HARRISVILLE LIQUOR STORE

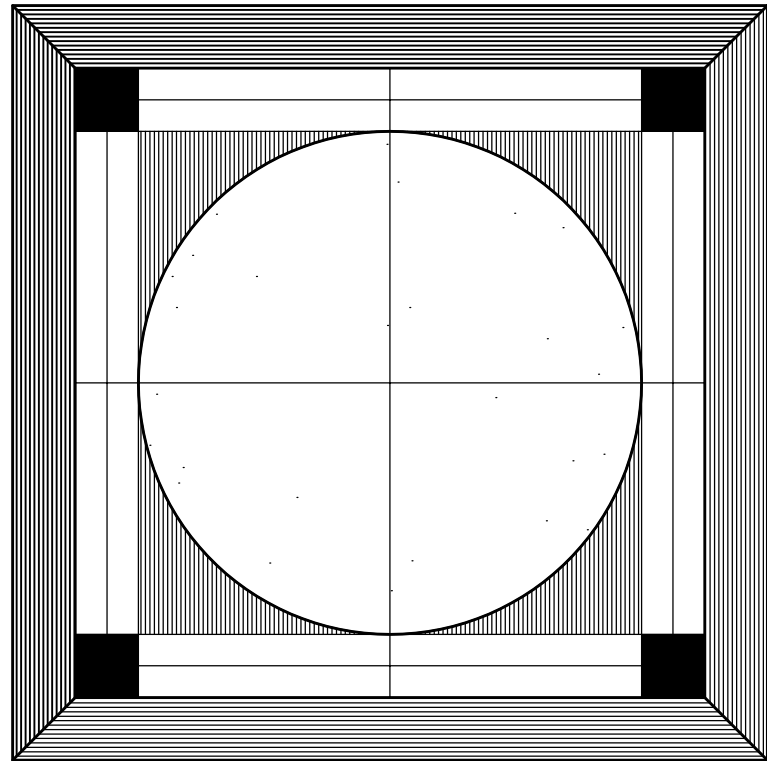
HARRISVILLE, UTAH
DFCM PROJECT NUMBER 04242030

FRANK N MURDOCK JR ■ Architect & Associates
975 East 100 South Suite 100, Salt Lake City, Utah 84102 (801) 532-4441

DETAIL

FILE NAME: HABC-ADD-1
PLOT SCALE: NONE
DRAWN BY: STAFF
CHECKED BY: FNM
DATE: 2/14/06

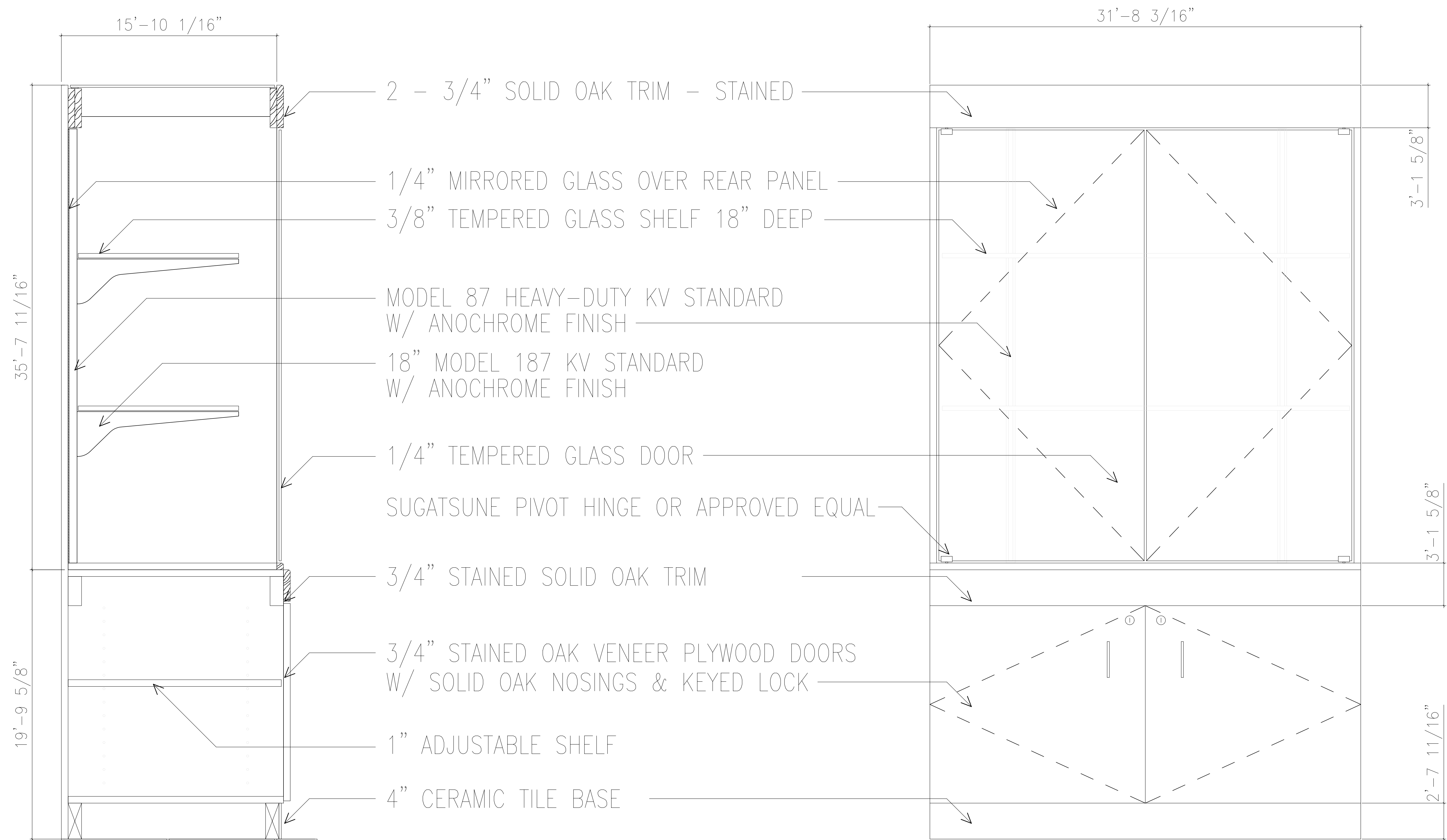
ADD-1



Drawing ADD-2

Contractor-provided
Display Cabinets

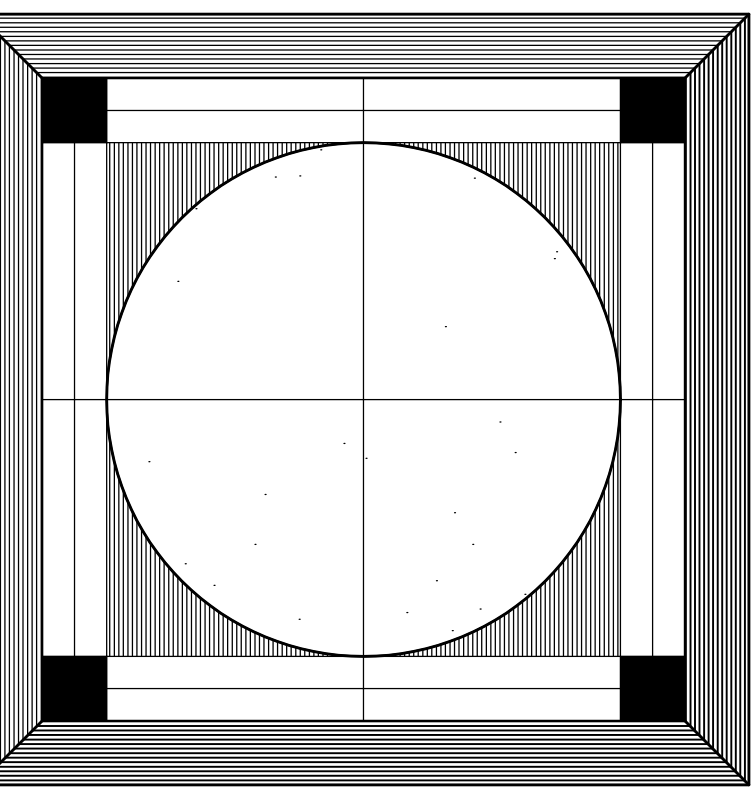
PROVIDE AND INSTALL 3 (THREE) DISPLAY CASES IN THE NEW HARRISVILLE ABC STORE



DISPLAY CASE SECTIONS AND DETAILS

SCALE: NONE

SECTION



DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL
NEW HARRISVILLE LIQUOR STORE
HARRISVILLE, UTAH
DFCM PROJECT NUMBER 04242030

FILE NAME: HABC-ADD-1
PLOT SCALE: NONE
DRAWN BY: STAFF
CHECKED BY: FNM
DATE: 2/14/06

FRANK N MURDOCK JR ■ Architect & Associates
975 East 100 South Suite 100, Salt Lake City, Utah 84102 (801) 532-4441

DISPLAY CASE

ADD-2

Revised Architectural Drawings




















ARCHITECT: FRANK N MURDOCK JR
ARCHITECT + ASSOCIATES
975 EAST 100 SOUTH
SALT LAKE CITY, UTAH 84102

PROPOSED ADDRESS
433 NORTH MAIN, TOOELE, UTAH

PARKING INFORMATION

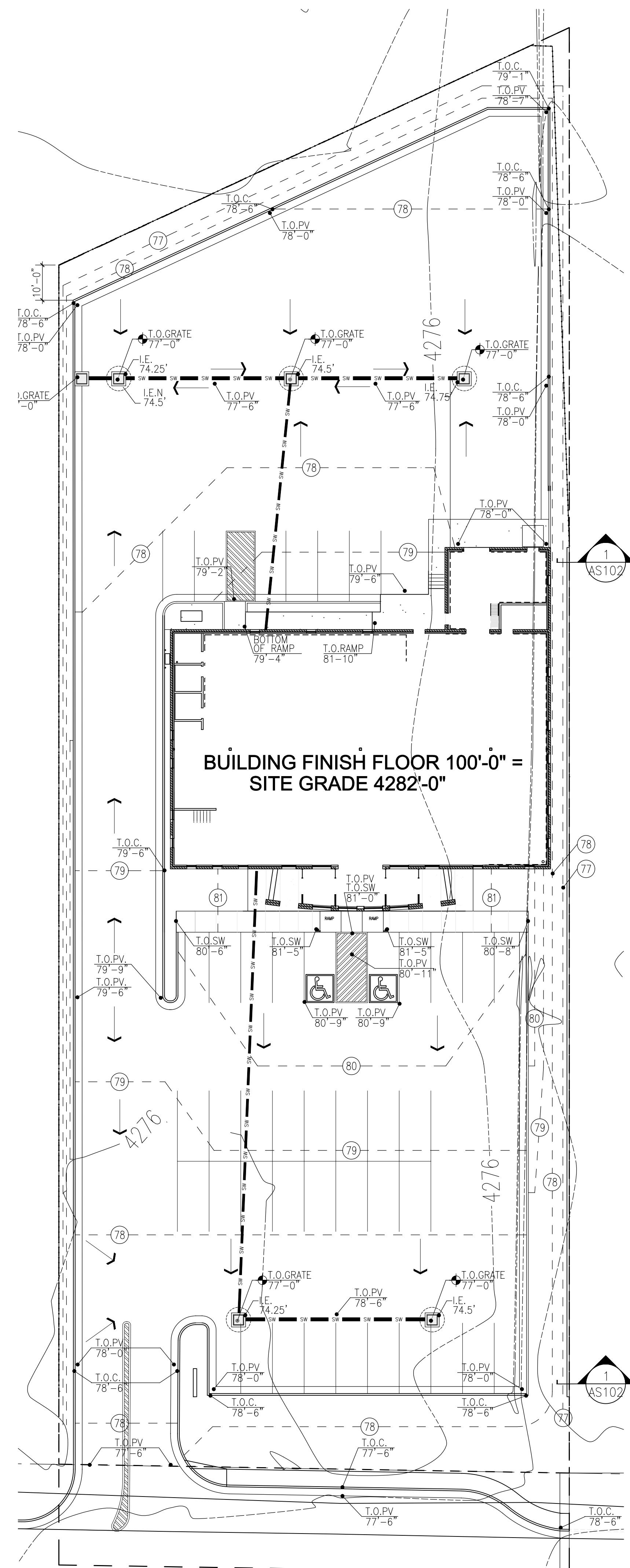
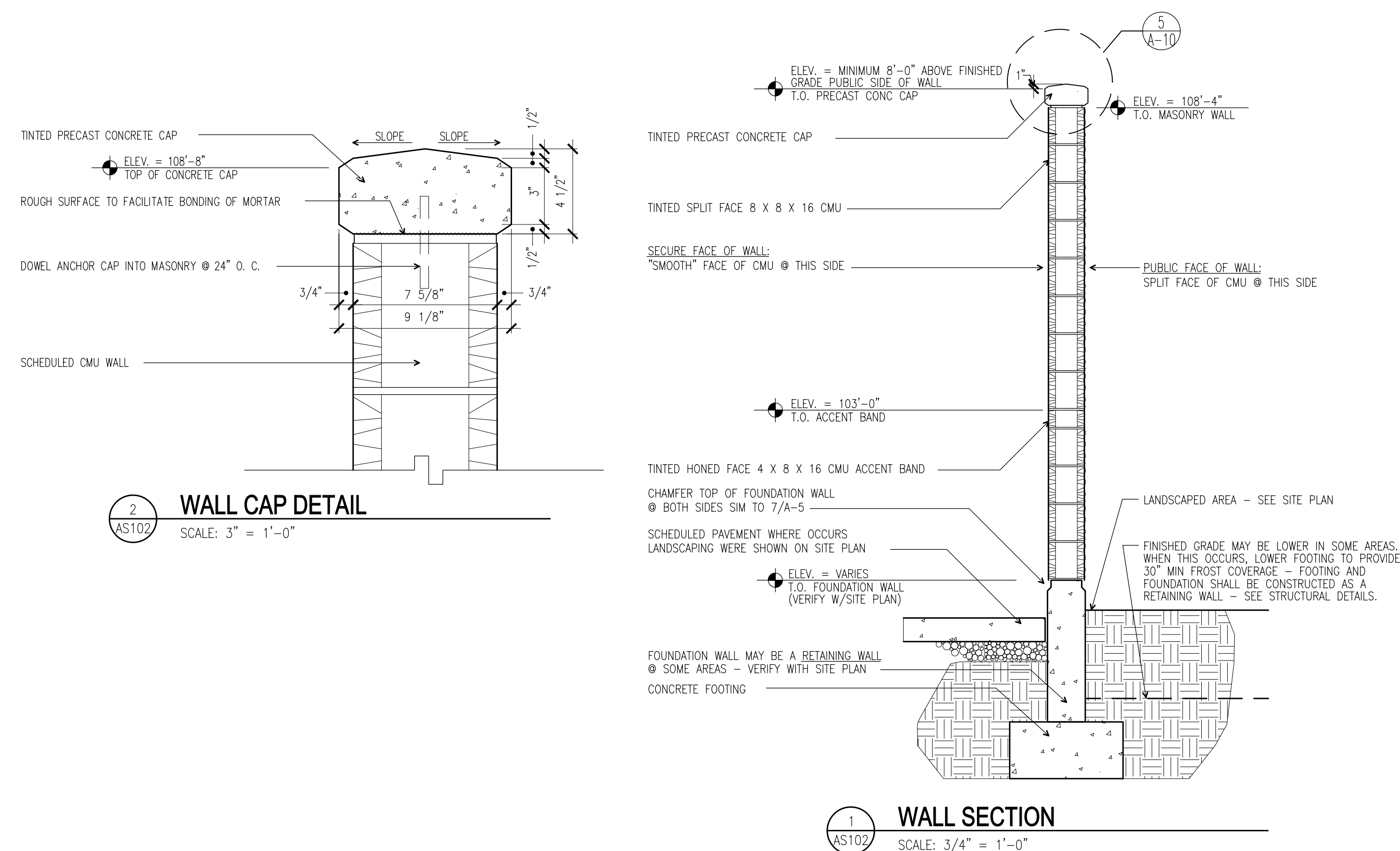
1 STALL / 160 SQ FT OF GROSS AREA

NEW SITE PLAN
FORMATION

×	CATCH BASIN	T.O.G	TOP OF GRATE		FENCE
⊗	STORM DRAIN MAN HOLE	I.E.	INVERT ELEVATION		2 - 4" PVC
⊙	POWER POLE	T.O.SW	TOP OS SIDEWALK		PIPE SLEEVE
⊗	WATER VALVE	T.O.PV	TOP OF PAVEMENT		EXISTING GRADE CONTOUR
⊗	ELECTRIC BOX	T.O.C.	TOP OF CONCRETE		
⊙	FIRE HYDRANT		OVERHEAD TRANSMISSION LINE		NEW GRADE CONTOUR
⊙	SANITARY SEWER MAN HOLE		UNDERGROUND POWER		CENTER LINE OF ROAD
•	LIGHT POST		SANITARY SEWER		NEW SECURITY FENCE
•	STREET LIGHT BOX		WATER LINE		
■	GAS METER		TELEPHONE LINE		SIGN TYPES - SEE 2/ASSOCIATED
■	TELEPHONE BOX		GAS LINE		
PL	PROPERTY LINE		CABLE T.V.		
L	LANDSCAPE AREA		PARKING STALLS		NEW CONCRETE PAVING AND SIDEWALKS
SW	SIDEWALK				

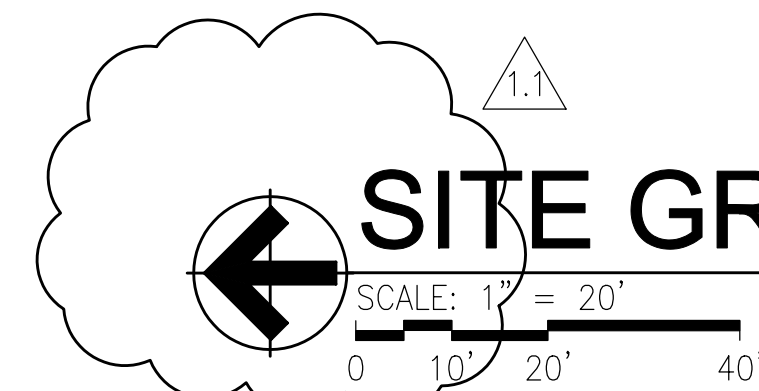
1. REFER TO SITE DEVELOPMENT, LANDSCAPE, MECHANICAL AND ELECTRICAL DRAWINGS FOR DIMENSIONS AND ADDITIONAL SITE INFORMATION.
2. CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES TO THE CONTRACT DOCUMENTS.
3. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING AT ALL POINTS.
4. CONTRACTOR SHALL NOT PARK, STORE EQUIPMENT, OR USE THE EXISTING ROAD FOR ANY PURPOSE OTHER THAN ACCESS TO THE PROJECT SITE. CONTRACTOR SHALL NOT DISTURB OR USE ANY AREA OUTSIDE CONTRACT LIMIT LINE TO PARK OR STORE EQUIPMENT. UNLESS OTHERWISE NOTED, THE PROPERTY LINE SHALL FORM THE BOUNDARY OF THE CONTRACT LIMIT LINE.
5. CONTRACTOR WILL MAINTAIN AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
6. ALL CUTTING, PATCHING, EXCAVATION AND BACKFILL DONE IN STREET SHALL BE DONE IN ACCORDANCE WITH UTAH DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
7. PROVIDE PIPE SLEEVES WHERE SPRINKLER LINES PASS UNDER ASPHALT PAVEMENT OR RETAINING WALLS.
8. PROTECT ANY EXISTING STORM DRAINS FROM MUD AND DEBRIS DURING CONSTRUCTION.



1. ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH LOCAL SEWER DISTRICT'S DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS.
2. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTION OF ANY SEWER LINES.



EX. ASPHALT

WALL AVENUE



	REVISION
	THE NORTH ARROW HAS BEEN ROTATED TO REFLECT THE CORRECT ORIENTATION OF THE BUILDING AND THE SITE.

NEW HARRISVILLE LIQUOR STORE
 DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL
 1455 SOUTH WALL AVENUE, HARRISVILLE, UTAH

FRANK N MURDOCK JR ■ Architect & Associates
 975 East 100 South Suite 100, Salt Lake City, Utah 84102 TEL: (801) 532-4441 FAX: (801) 532-4220

SITE GRADING PLAN

REVISION # DATE:
1 2/24/06

DFCM PROJECT NO.:
04242030
CONSTR. DOC.
FILE NAME: ABCH-AS102
PLOT SCALE: 1:240
DRAWN BY: STAFF
CHECKED BY: FNM
DATE: JANUARY 24, 2006

AS
102

PROJECT INFORMATION

OWNER:	STATE OF UTAH DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT 4110 STATE OFFICE BUILDING SALT LAKE CITY, UTAH 84114	ARCHITECT:	FRANK N. MURDOCK JR. ARCHITECT + ASSOCIATES 975 EAST 100 SOUTH SALT LAKE CITY, UTAH 84102
PROPOSED USE	STATE LIQUOR STORE	PROPOSED ADDRESS	1455 SOUTH WALL AVENUE, HARRISVILLE, UTAH
SITE INFORMATION (NOT FOR MATERIAL TAKE OFF USE)		PARKING INFORMATION	
TOTAL SITE:	1.25 ACRES (54,470 SQ FT ±)	CUSTOMER & EMPLOYEE PARKING:	42 PARKING STALLS 1 STALL / 200 SQ FT OF GROSS AREA
BUILDING FOOTPRINT:	8,410 SQ FT		15%
HARD SURFACE AREA:	36,722 SQ FT		67%
LANDSCAPING AREA:	9,338 SQ FT		18%

SITE DRAWINGS

SEE SHEET AS101 FOR GENERAL SITE DEMOLITION PLAN AND NEW SITE PLAN
SEE SHEET AS102 FOR SITE GRADING AND STORM SEWER INFORMATION
SEE SHEET AS103 FOR SITE UTILITY INFORMATION
SEE SHEET ASS01 FOR SITE DETAIL INFORMATION

SITE PLAN LEGEND

■	CATCH BASIN	T.O.G	TOP OF GRATE	—○—	FENCE
⊗	STORM DRAIN MAN HOLE	I.E.	INVERT ELEVATION	—	2 - 4" PVC PIPE SLEEVE
⊕	POWER POLE	T.O.SW	TOP OS SIDEWALK	—	4434 EXISTING GRADE CONTOUR
⌵	WATER VALVE	T.O.PV	TOP OF PAVEMENT	—③—	NEW GRADE CONTOUR
□	ELECTRIC BOX	T.O.C.	TOP OF CONCRETE	—	CENTER LINE OF ROAD
⊙	FIRE HYDRANT	—	OVERHEAD TRANSMISSION LINE	—X—	NEW SECURITY FENCE
●	SANITARY SEWER MAN HOLE	---	UNDERGROUND POWER	ⓐ ⓑ	SIGN TYPES - SEE 2/ASS01
•	LIGHT POST	---	SANITARY SEWER	□	NEW CONCRETE PAVING AND SIDEWALKS
□	STREET LIGHT BOX	---	WATER LINE		
■	GAS METER	---	TELEPHONE LINE		
■	TELEPHONE BOX	---	GAS LINE		
PL	PROPERTY LINE	---	CABLE T.V.		
L	LANDSCAPE AREA	---	PARKING STALLS		
SW	SIDEWALK				

GENERAL NOTES

- REFER TO SITE DEVELOPMENT, LANDSCAPE, MECHANICAL AND ELECTRICAL DRAWINGS FOR DIMENSIONS AND ADDITIONAL SITE INFORMATION.
- CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES TO THE CONTRACT DOCUMENTS.
- PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING AT ALL POINTS.
- CONTRACTOR SHALL NOT PARK, STORE EQUIPMENT, OR USE THE EXISTING ROAD FOR ANY PURPOSE OTHER THAN ACCESS TO THE PROJECT SITE. CONTRACTOR SHALL NOT DISTURB OR USE ANY AREA OUTSIDE CONTRACT LIMIT LINE TO PARK OR STORE EQUIPMENT. UNLESS OTHERWISE NOTED, THE PROPERTY LINE SHALL FORM THE BOUNDARY OF THE CONTRACT LIMIT LINE.
- CONTRACTOR WILL MAINTAIN AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
- ALL CUTTING, PATCHING, EXCAVATION AND BACKFILL DONE IN STREET SHALL BE DONE IN ACCORDANCE WITH UTAH DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- PROVIDE PIPE SLEEVES WHERE SPRINKLER LINES PASS UNDER ASPHALT PAVEMENT OR RETAINING WALLS.
- PROTECT ANY EXISTING STORM DRAINS FROM MUD AND DEBRIS DURING CONSTRUCTION.

DEMOLITION AND SITE CLEARING

IT IS THE INTENT OF THIS PROJECT TO REMOVE AND PROPERLY DISPOSE OF ALL EXISTING IMPROVEMENTS ON THE PROPERTY. THE SITE SHOULD THEN BE GRUBBED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SOILS REPORT AND PREPARED FOR NEW CONSTRUCTION.

REFERENCE NOTES

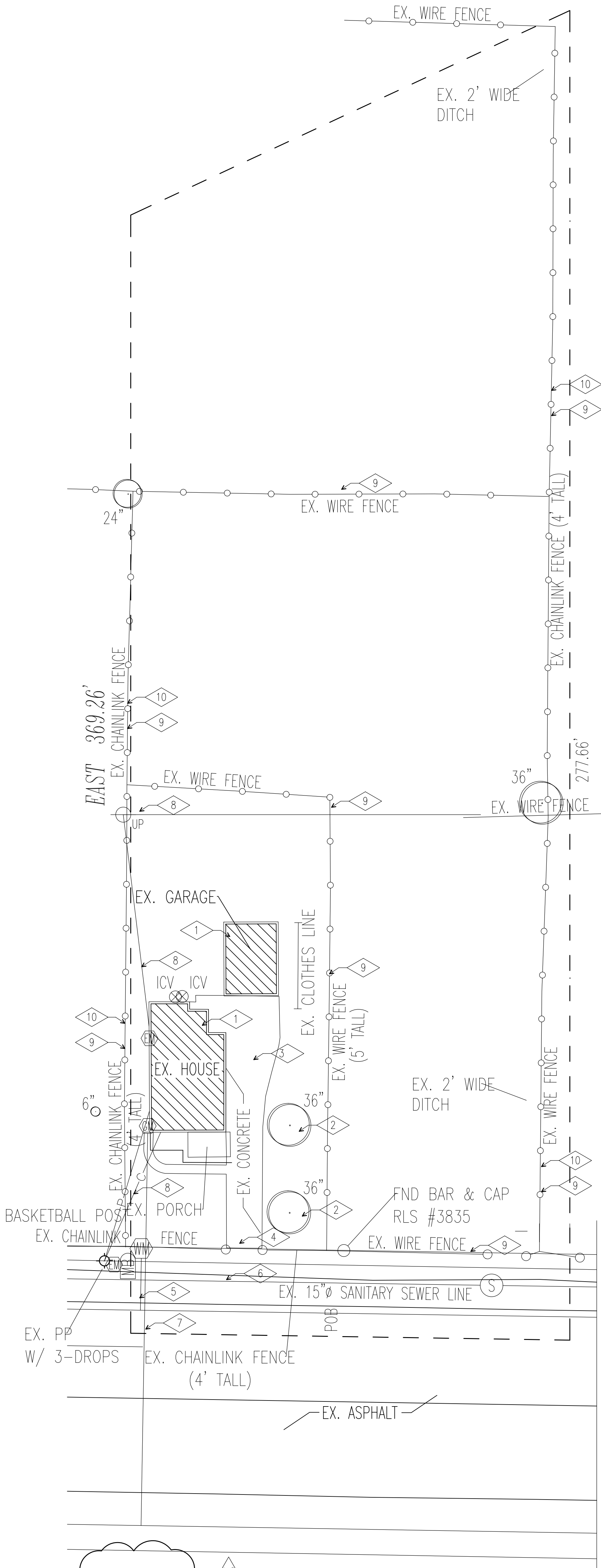
- REMOVE AND PROPERLY DISPOSE OF EXISTING BUILDING INCLUDING ALL FOOTINGS, FOUNDATIONS, AND ASSOCIATED UNDERGROUND CONCRETE.
- REMOVE AND PROPERLY DISPOSE OF EXISTING LANDSCAPING INCLUDING ALL TREES AND SHRUBS ON SITE. SEE SOILS REPORT FOR THE DEPTH OF GRUBBING IN THIS AREA AND SHRUBS ON SITE. SEE SOILS REPORT FOR THE DEPTH OF GRUBBING IN THIS AREA.
- REMOVE AND PROPERLY DISPOSE OF EXISTING CONCRETE SIDEWALK OR PAD.
- REMOVE AND PROPERLY DISPOSE OF ALL EXISTING ASPHALT CONCRETE PAVING ON SITE.
- CAP EXISTING WATER LINE AT THE EXISTING METER OR AS DIRECTED BY SERVICE PROVIDER. COORDINATE THE REMOVAL OF EXISTING METERS WITH THE UTILITY PROVIDER.
- CAP EXISTING SANITARY SEWER LINE AT THE MAIN LINE OR AS DIRECTED BY SERVICE PROVIDER.
- CAP EXISTING NATURAL GAS LINE AT THE MAIN LINE OR AS DIRECTED BY SERVICE PROVIDER. COORDINATE THE REMOVAL OF EXISTING METERS WITH THE UTILITY PROVIDER.
- REMOVE AND PROPERLY DISPOSE OF ALL EXISTING ELECTRICAL LINES AND ASSOCIATED SITE LIGHTING, PANELS AND METERS LOCATED ON SITE WHICH ARE NOT USED AS PART OF THIS PROJECT AND WHICH DO NOT PROVIDE SERVICE TO ADJACENT PROPERTIES. SEE ELECTRICAL DRAWINGS FOR NEW SERVICE CONNECTION AND LOCATION.
- REMOVE AND PROPERLY DISPOSE OF EXISTING WOOD OR CHAIN LINK FENCE.
- MAINTAIN AND PROTECT EXISTING FENCES AT THE PROPERTY LINES UNTIL NEW ARE INSTALLED.

UDOT NOTES

The following UDOT Notes will be called out on the plan:

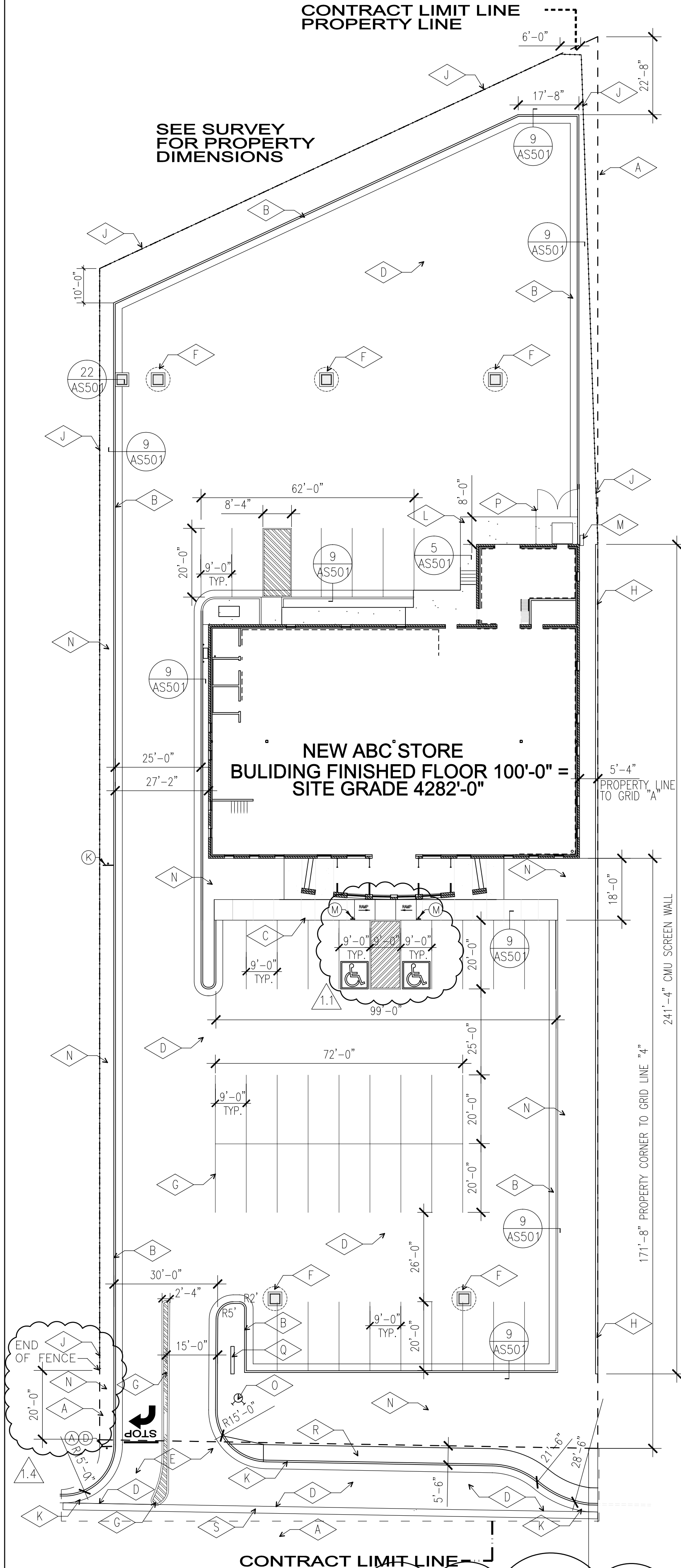
- Work on the UDOT right-of-way is restricted from October 15 through April 15.
- Any new pavement markings or pavement markings that are removed from the highway are to be replaced with in-kind materials such as 3M tape, epoxy, thermoplastic, etc. All paint lines are to be installed with permanent paint application before completion of the permit and must have at least 6 months life as determined by UDOT's permits officer.
- Before commencing work on the State highway, the contractor who is awarded the project must have a performance bond on file with UDOT, and obtain an encroachment permit from the Region Two Permits Office.
- Work is not allowed on the right-of-way during the AM/PM peak traffic hours (6:00-9:00 AM and 3:30-6:00 PM).

- MAINTAIN AND PROTECT EXISTING SITE ELEMENTS TO REMAIN INCLUDING EXISTING RETAINING WALLS, FENCES, STORM DRAIN BASIN AND CURBS AND GUTTERS.
- NEW CONCRETE CURB & GUTTER. SEE DETAIL 6/ASS01
- NEW 4" THICK CONCRETE SIDEWALK. SEE DETAILS 11, 12 & 13 SHEET ASS01 ALIGN WITH EDGES AND ELEVATIONS OF EXISTING SIDEWALKS WHERE NEW AND OLD SIDEWALKS MEET. JOINTS AS NOTED BELOW TYPICAL UNLESS NOTED OTHERWISE. CONTROL JOINT IN CONCRETE SIDEWALK: @ 5'-0" O.C. - SEE DETAIL 12/ASS01. EXPANSION JOINT IN CONCRETE SIDEWALK @ 20'-0" O.C. - SEE DETAIL 13/ASS01.
- NEW ASPHALT CONCRETE PAVING. SEE DETAIL 10/ASS01 FOR PAVEMENT SECTION. SEE SOILS REPORT FOR DEPTH OF FILL AND COMPACTION REQUIREMENTS IN THIS AREA.
- NEW OPEN CONCRETE DRIVEWAY TO COMPLY WITH UTAH DEPARTMENT OF TRANSPARATION STANDARDS - STANDARD DRAWING GW 4.
- NEW DRY SUMP CATCH BASIN SEE DETAIL 2/AS103
- NEW PARKING STRIPING SEE DETAIL 3/ASS01
- NEW 6" HIGH VINYL PRIVACY FENCE (BLUFFTECH WINCHESTER PICKET STYLE 7/8" X 7" TONGUE AND GROOVE (OR APPROVED EQUAL) FROM THE SOUTHEAST CORNER OF THE BUILDING, CONTINUING EAST AND FOLLOWING THE SOUTH, EAST AND NORTH PROPERTY LINES TO A POINT (DIMENSIONED AND CLOUDDED) ON THE NORTH PROPERTY LINE (APPROXIMATELY 615 L.F.). CONSTRUCT THE FENCE AS CLOSE AS POSSIBLE THE EXISTING FENCE ON THE SOUTH PROPERTY LINE.
- NEW CONCRETE CURB AND GUTTER TO COMPLY WITH UDOT STANDARD DRAWING GW 2 (TYPE B1). ALIGN WITH EDGES AND ELEVATIONS OF EXISTING ASPHALT ROADWAY. WHERE NEW AND OLD ASPHALT MEET. MATCH ELEVATION AND FLOW LINE OF EXISTING ASPHALT.
- NEW 8" THICK CONCRETE DRIVE OR APRON. SEE 5/ASS01 CONCRETE AT APRONS AND DRIVES (INCLUDING SIDEWALK AT DRIVE) TO BE MINIMUM 8" THICK.
- NEW CONCRETE SPLASH BLOCK.
- NEW LANDSCAPE AREA - SEE SHEET LS-101
- PROVIDE AND INSTALL NEW FIRE HYDRANT PER HARRISVILLE CITY STANDARDS COORDINATE CONNECTION OF NEW 6" WATER LINE TO EXISTING 6" LINE WITH UTILITY COMPANY.
- PROVIDE AND INSTALL DUMPSTER ENCLOSURE, 6' HIGH CHAIN LINK FENCE, WITH TWO 6' HIGH HINGED GATES, WITH VERTICAL SCREENING SLATS IN FENCE AND GATES.
- MONUMENT SIGN BY OWNER. ELECTRICAL SERVICE PROVIDED UNDER THIS CONTRACT
- PROVIDE AND INSTALL 145' OF SIDEWALK 5' WIDE X 4" THICK EXACT LOCATION AS DRECTED BY UDOT & HARRISVILLE CITY
- SAW CUT EXISTING ASPHALT MIN 24" BACK FROM EXISTING EDGES. FEATHER NEW ASPHALT INTO EXISTING PER UDOT STANDARDS. ALL ASPHALT WORK AT EXISTING ROAD IS TO BE INSTALLED PER UDOT STANDARDS.



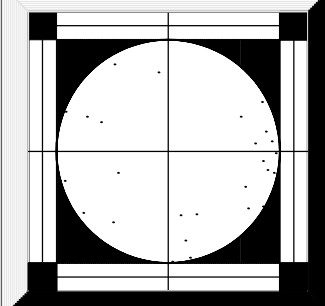
DEMOLITION SITE PLAN

SCALE: 1" = 20'
0 10' 20' 40'



SITE PLAN

SCALE: 1" = 20'
0 10' 20' 40'



NEW HARRISVILLE LIQUOR STORE
DEPT OF ALCOHOLIC BEVERAGE CONTROL
1455 SOUTH WALL AVENUE, HARRISVILLE, UTAH

SITE PLAN AND SITE DEMOLITION PLAN

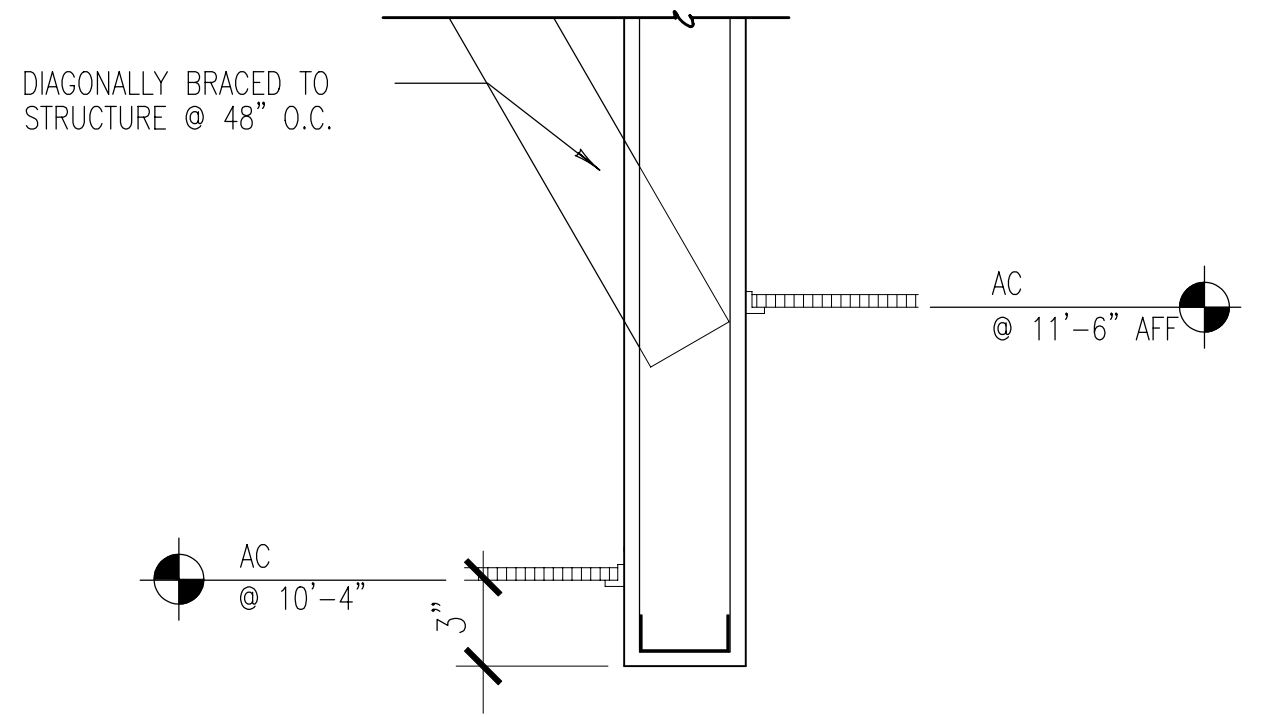
FRANK N. MURDOCK JR. ■ Architect & Associates
975 East 100 South Suite 100, Salt Lake City, Utah 84102
TEL: (801) 532-4441 FAX: (801) 532-4220

REVISION # DATE:
2/24/06

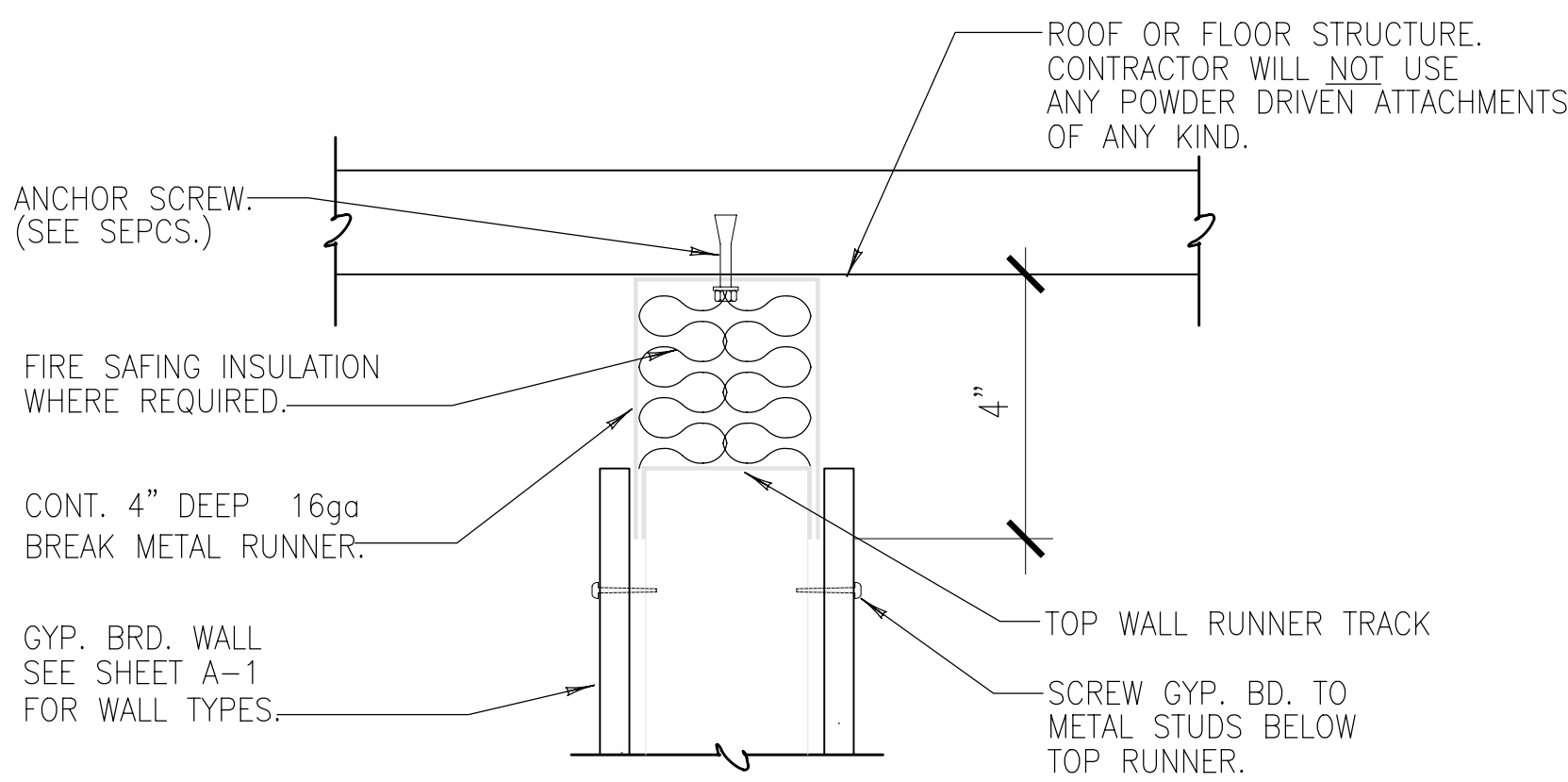
DFCM PROJECT NO.:
0424030
CONST. DWG
FILE NAME: ABCH-AS101
PLOT SCALE: 1:240
DRAWN BY: STAFF
CHECKED BY: FNM
DATE: JAN 24, 2006

AS
101

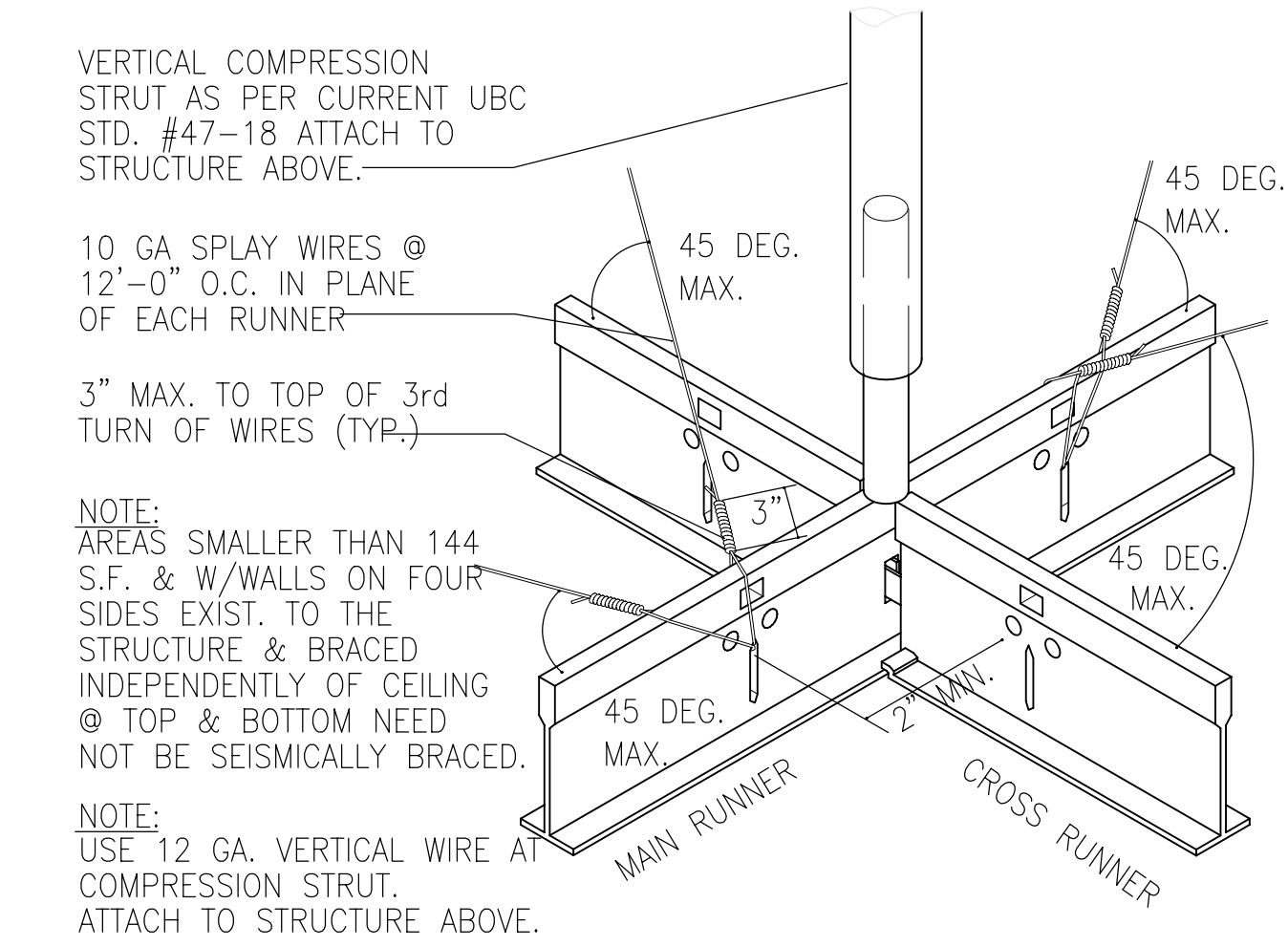
4 NOT USED
A102 SCALE: NOT TO SCALE



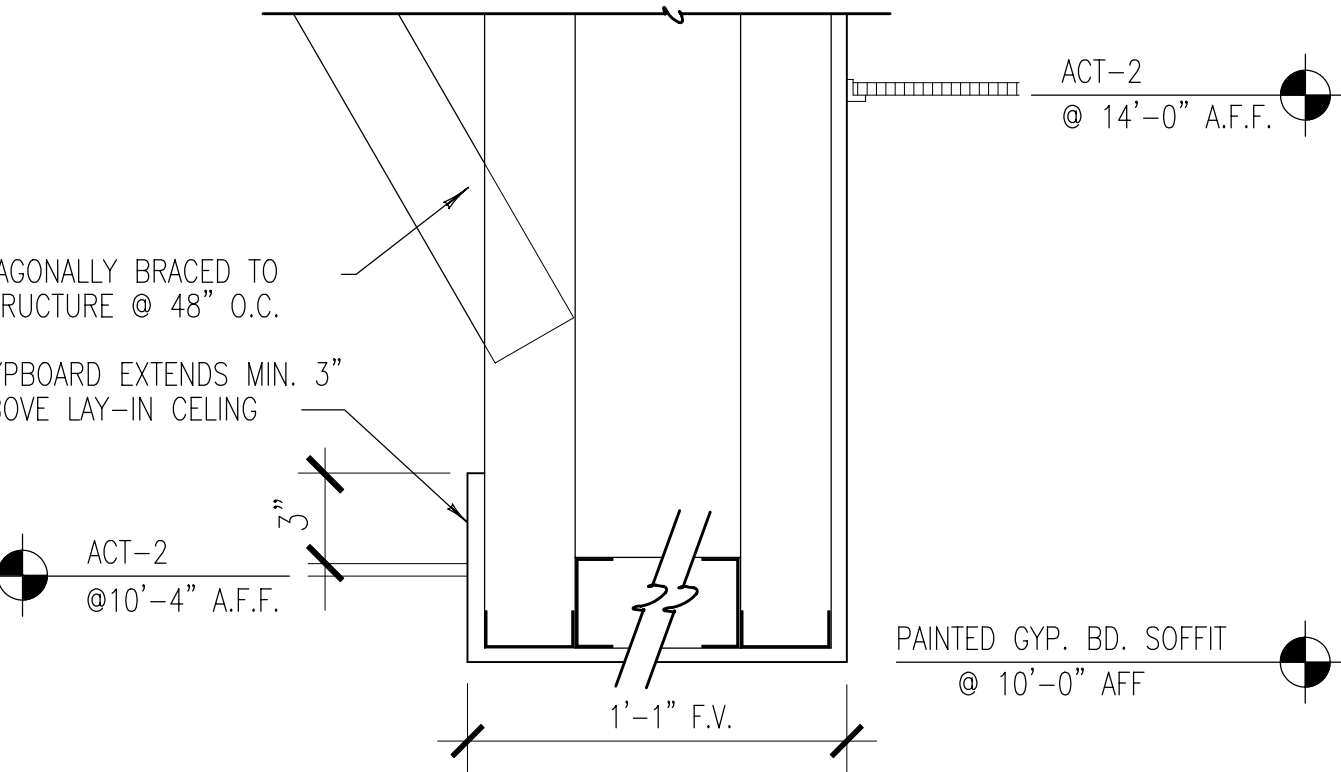
3 CEILING DROP DETAIL
A102 SCALE: NOT TO SCALE



2 SLIP JOINT DETAIL
A102 SCALE: NOT TO SCALE



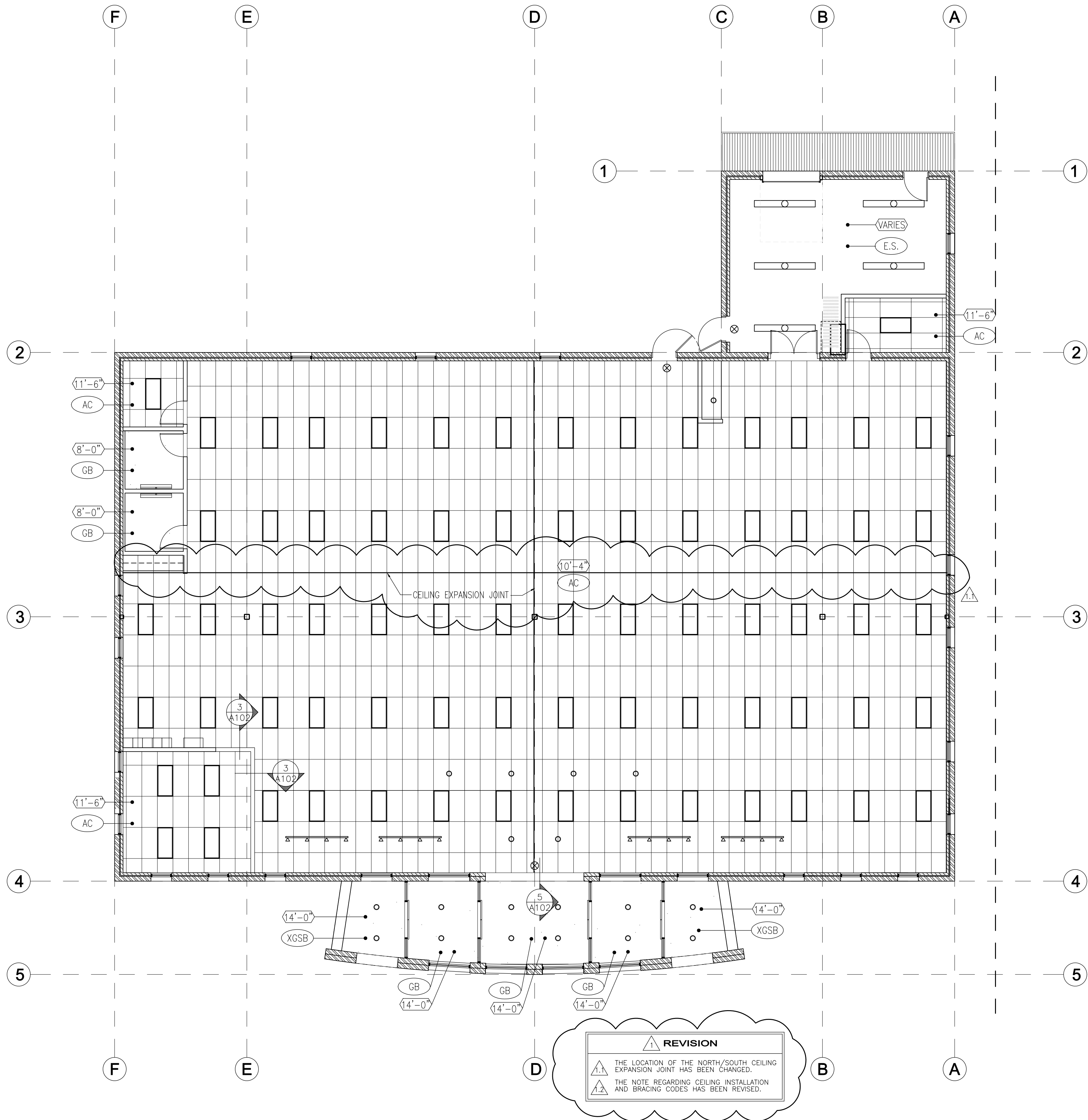
1 SEISMIC BRACING DETAIL
A102 SCALE: NOT TO SCALE



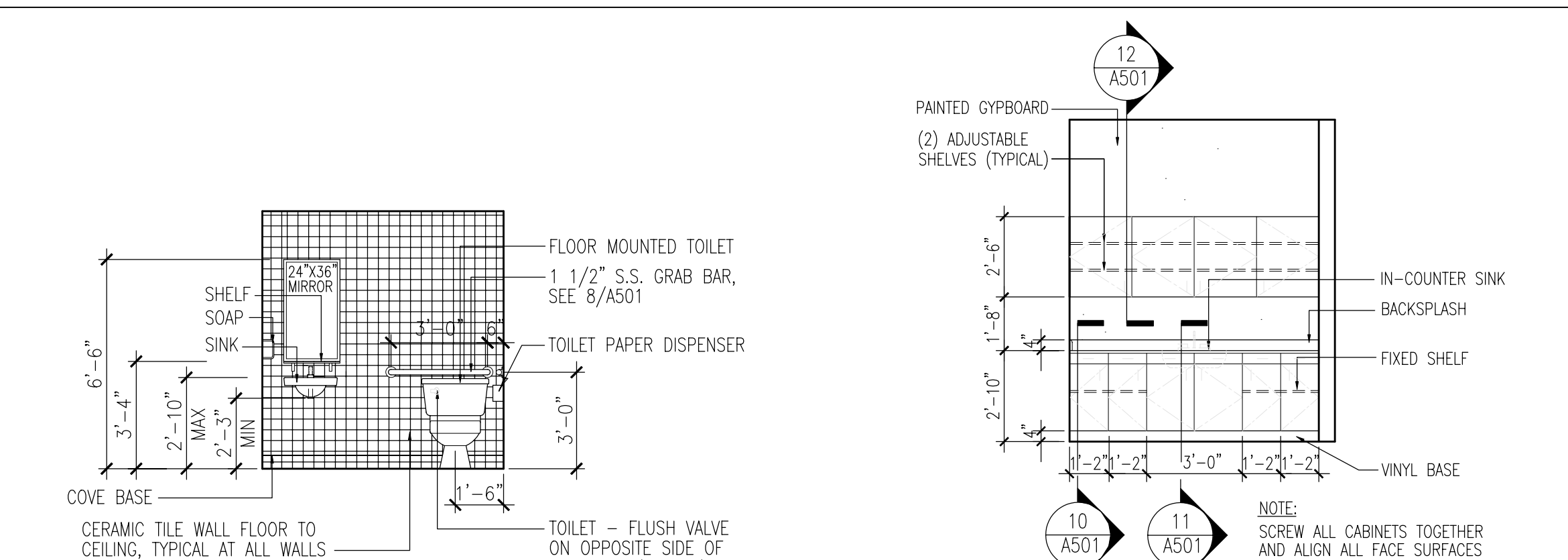
5 CEILING DROP DETAIL
A102 SCALE: NOT TO SCALE

REFLECTED CEILING PLAN LEGEND			
	4' WALL MOUNTED LIGHTING FIXTURE		8' SUSPENDED LIGHTING FIXTURE
	2' SURFACE MOUNTED LIGHTING FIXTURE		UNIT HEATER
	SECURITY LIGHT		TRACK LIGHT
	2' X 4' FLUORESCENT LIGHTING FIXTURE		8' SUSPENDED INDIRECT LIGHTING FIXTURE
	RECESSED LIGHTING FIXTURE		WALL MOUNTED LIGHTING FIXTURE
	2'X4' SUSPENDED ACOUSTICAL CEILING		METAL SOFFIT PANEL
	RETURN REGISTER		SUPPLY DIFFUSER
	EXHAUST FAN		GYPSUM BOARD SOFFIT
	E.S.		PAINTED EXPOSED STRUCTURE
	MSP		METAL SOFFIT PANEL
	AC		2'X4' SUSPENDED ACOUSTICAL CEILING
	GB		GYPSUM BOARD CEILING
	XGSB		EXTERIOR GYPSUM SOFFIT BOARD CEILING UNDER PREFINISHED METAL SOFFIT PANEL
	0'-0"		CEILING OR SOFFIT HEIGHT (HEIGHT MEASURED FROM FINISHED FLOOR ELEV. TO 0'-0"

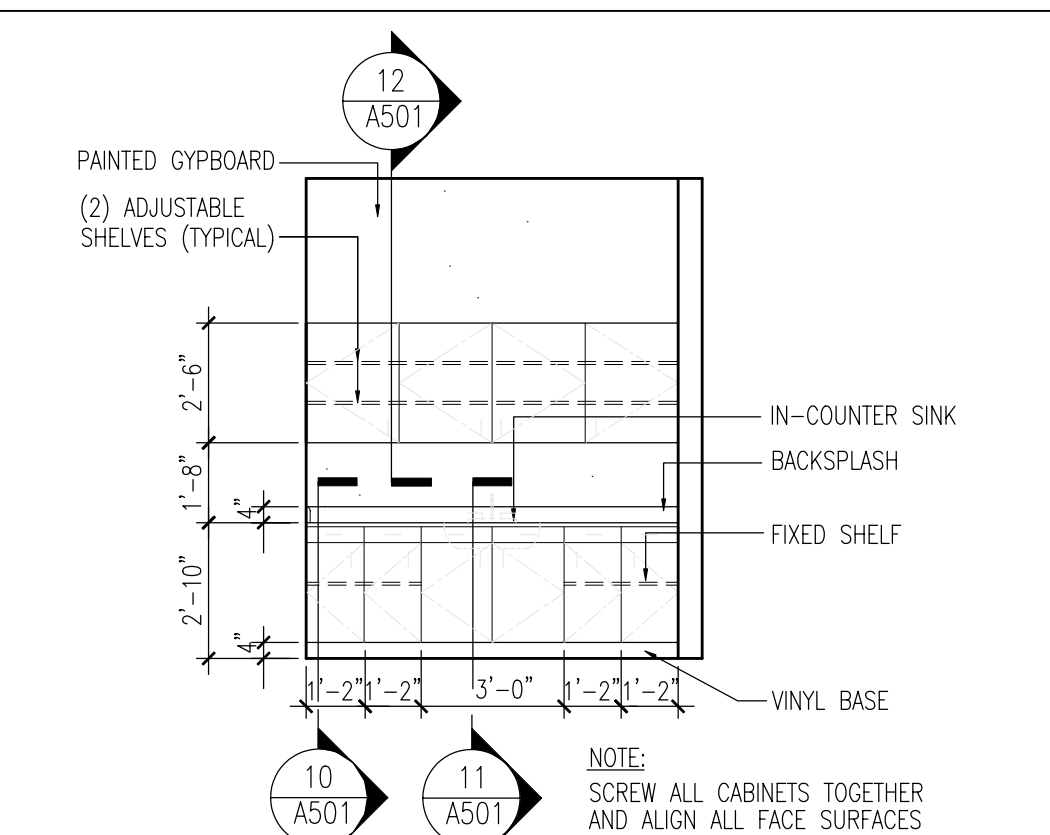
NOTE: CEILING TO INSTALLED PER 2003 IBC OR BRACED PER 1997 UBC STANDARDS, SECTION 25-2..



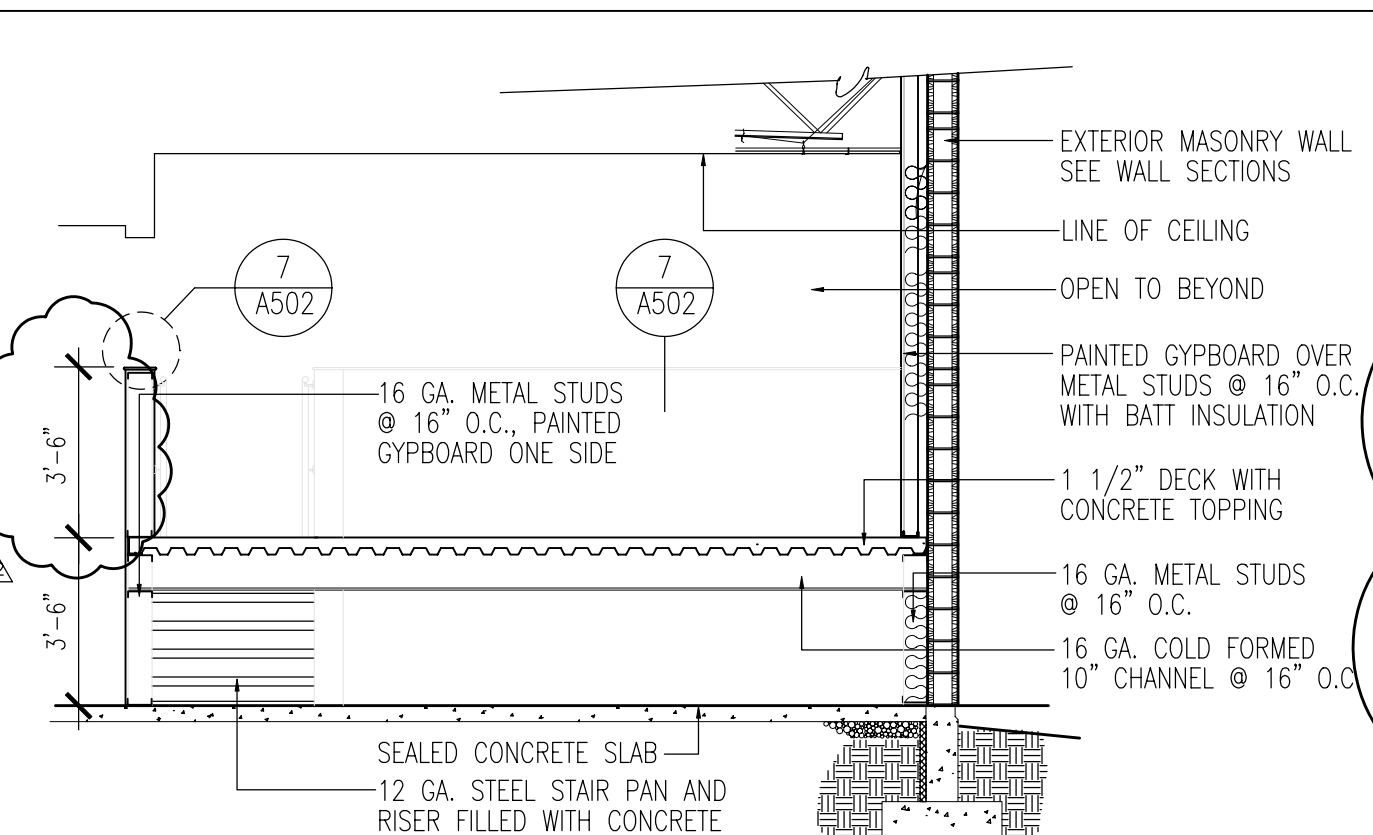
REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



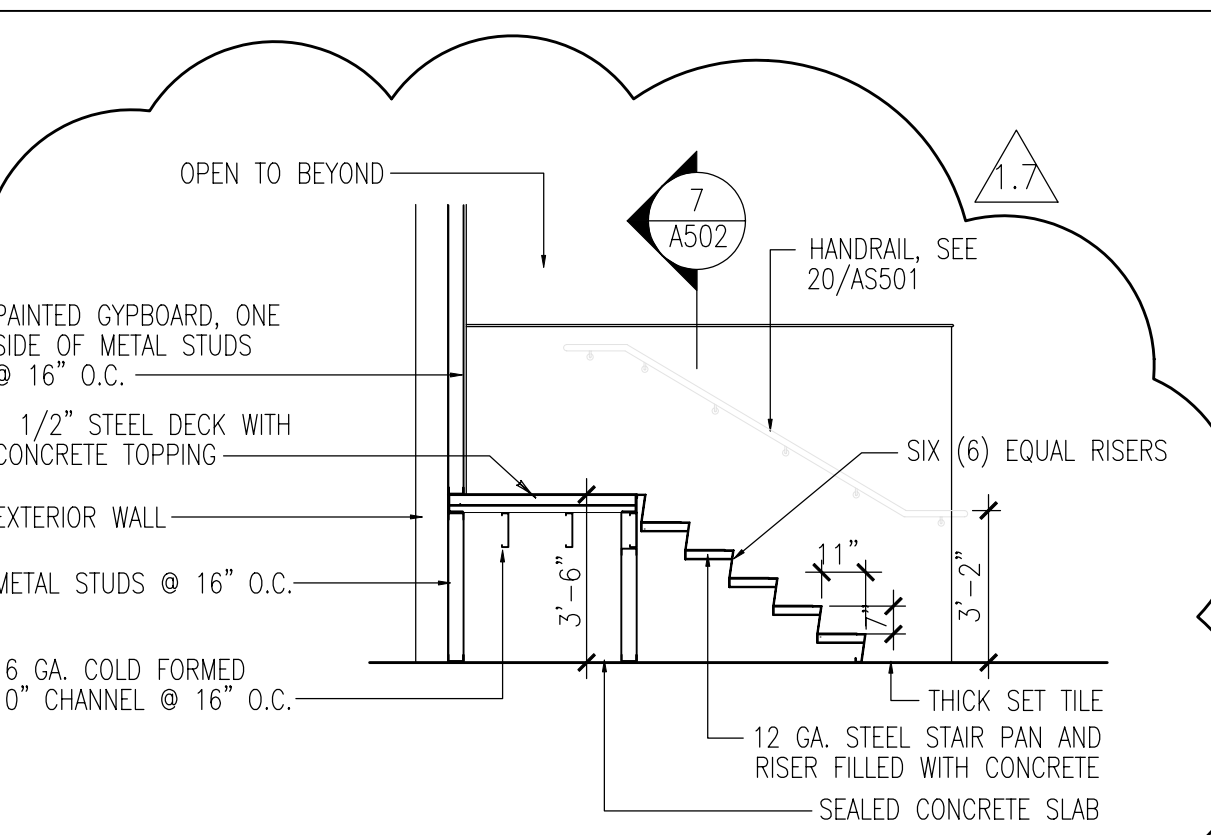
7 ELEV. AT WOMEN'S RESTROOM
SCALE: 1/4" = 1'-0"



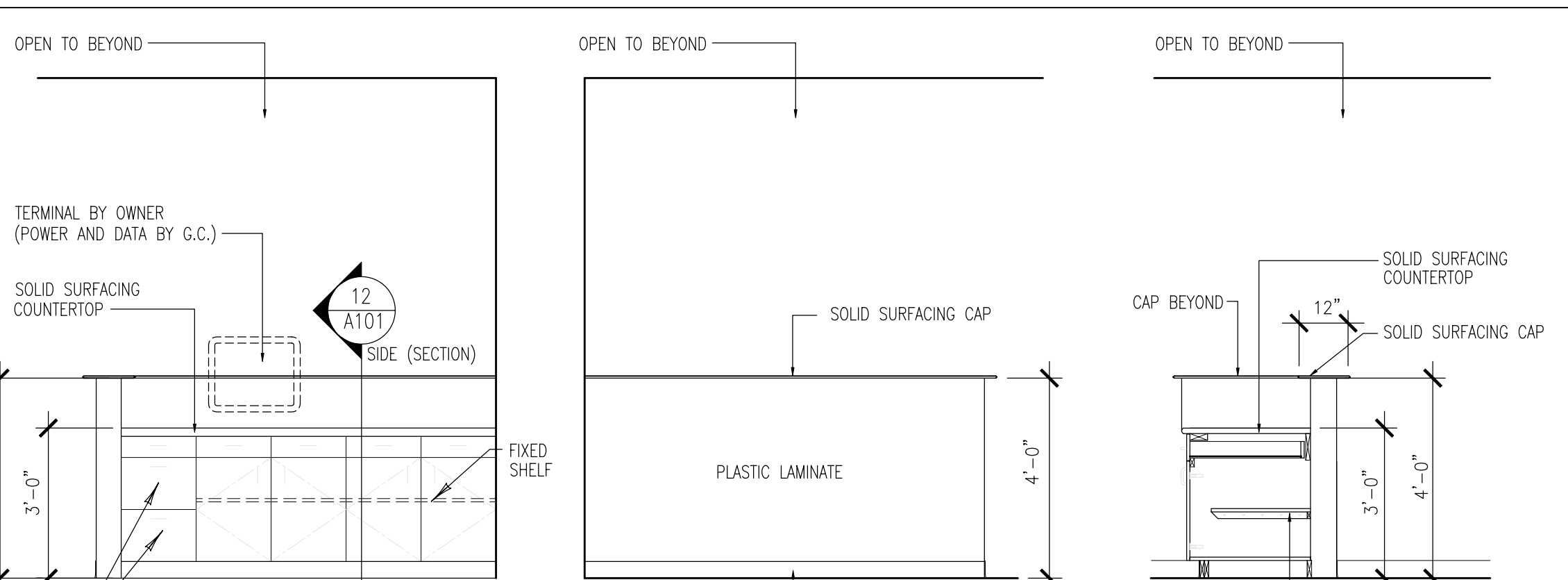
8 ELEV. AT LUNCH COUNTER
SCALE: 1/4" = 1'-0"



9 SECTION AT OFFICE PLATFORM
SCALE: 1/4" = 1'-0"

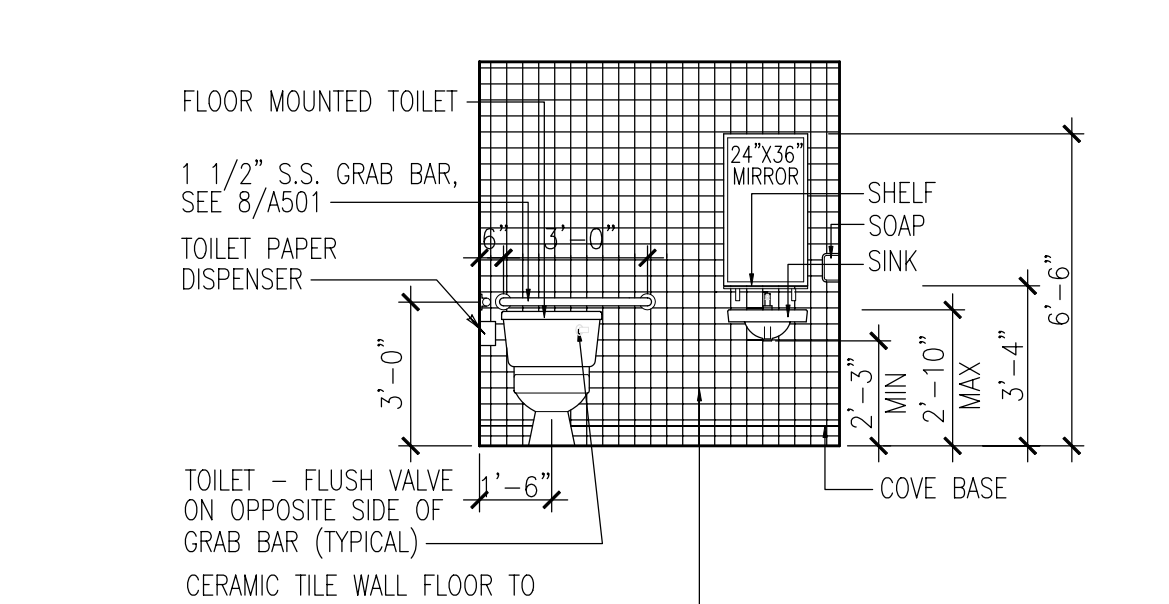


10 SECTION AT OFFICE STAIR
SCALE: 1/4" = 1'-0"

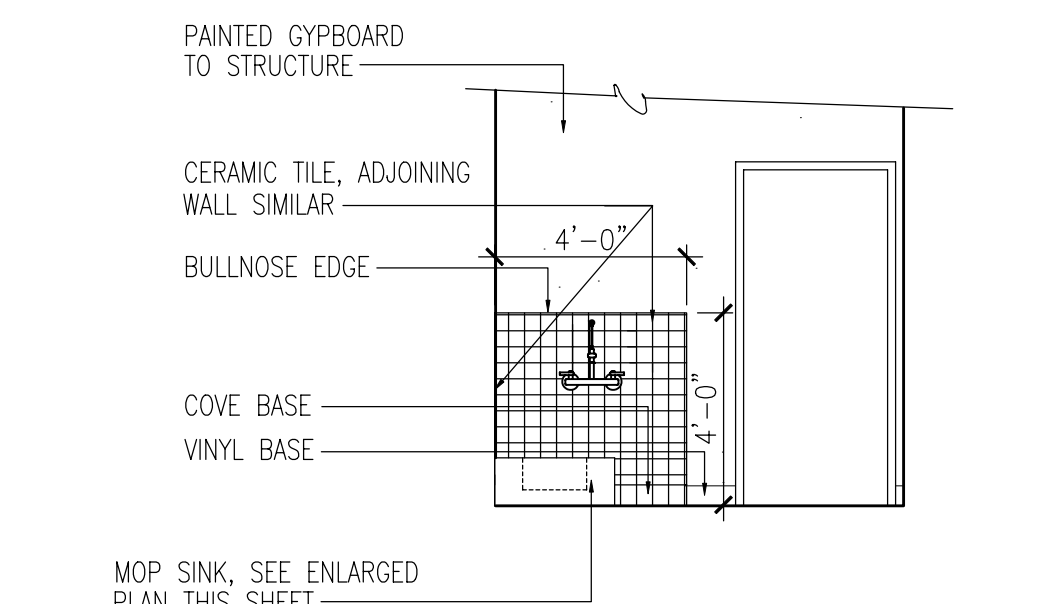


11 ELEVATIONS AT RECEIVING COUNTER
SCALE: 1/4" = 1'-0"

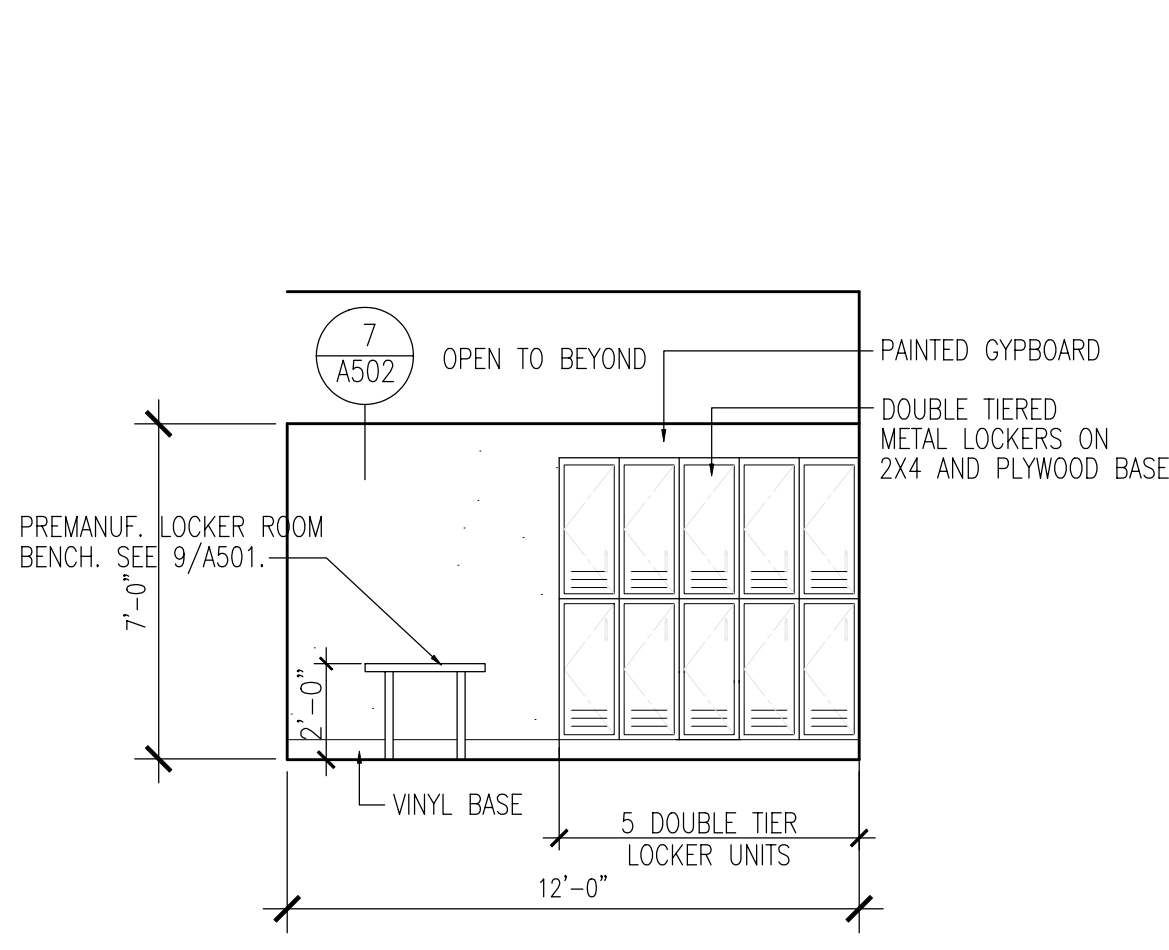
12 SECTION
SCALE: 1/4" = 1'-0"



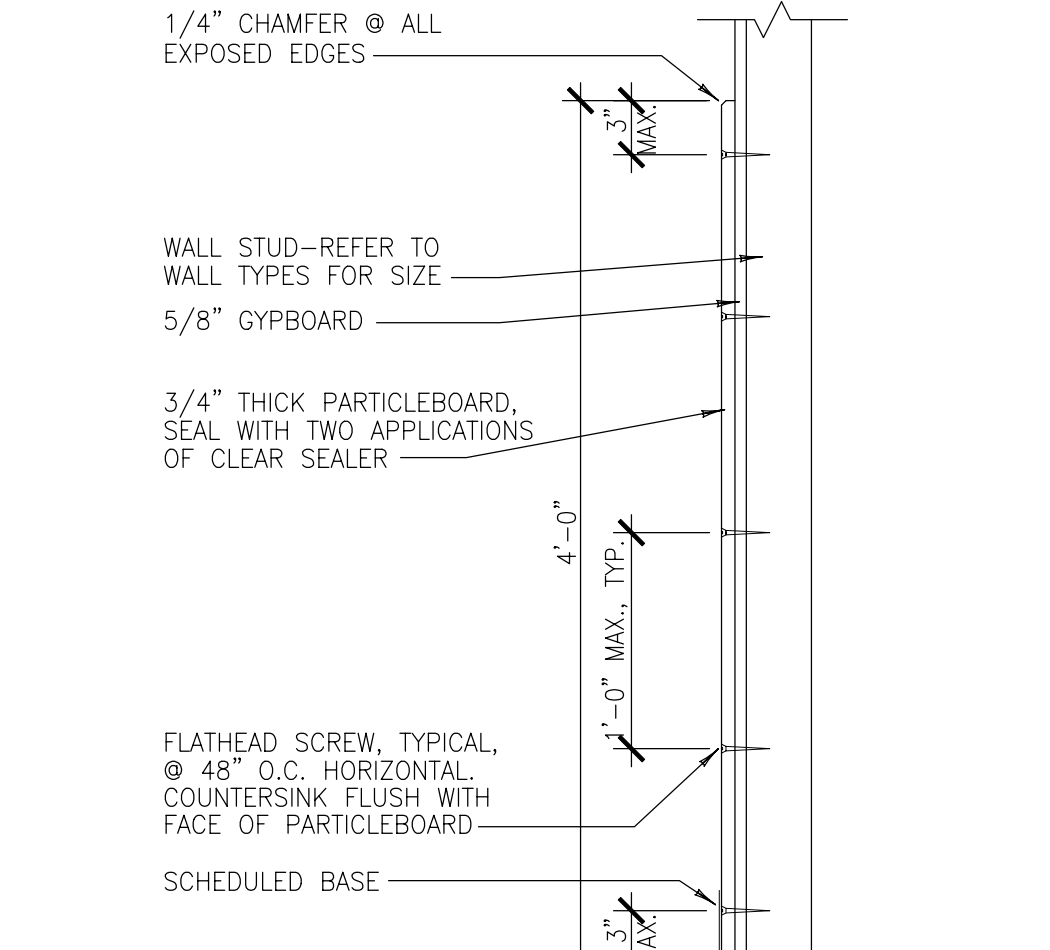
6 ELEV. AT MEN'S RESTROOM
SCALE: 1/4" = 1'-0"



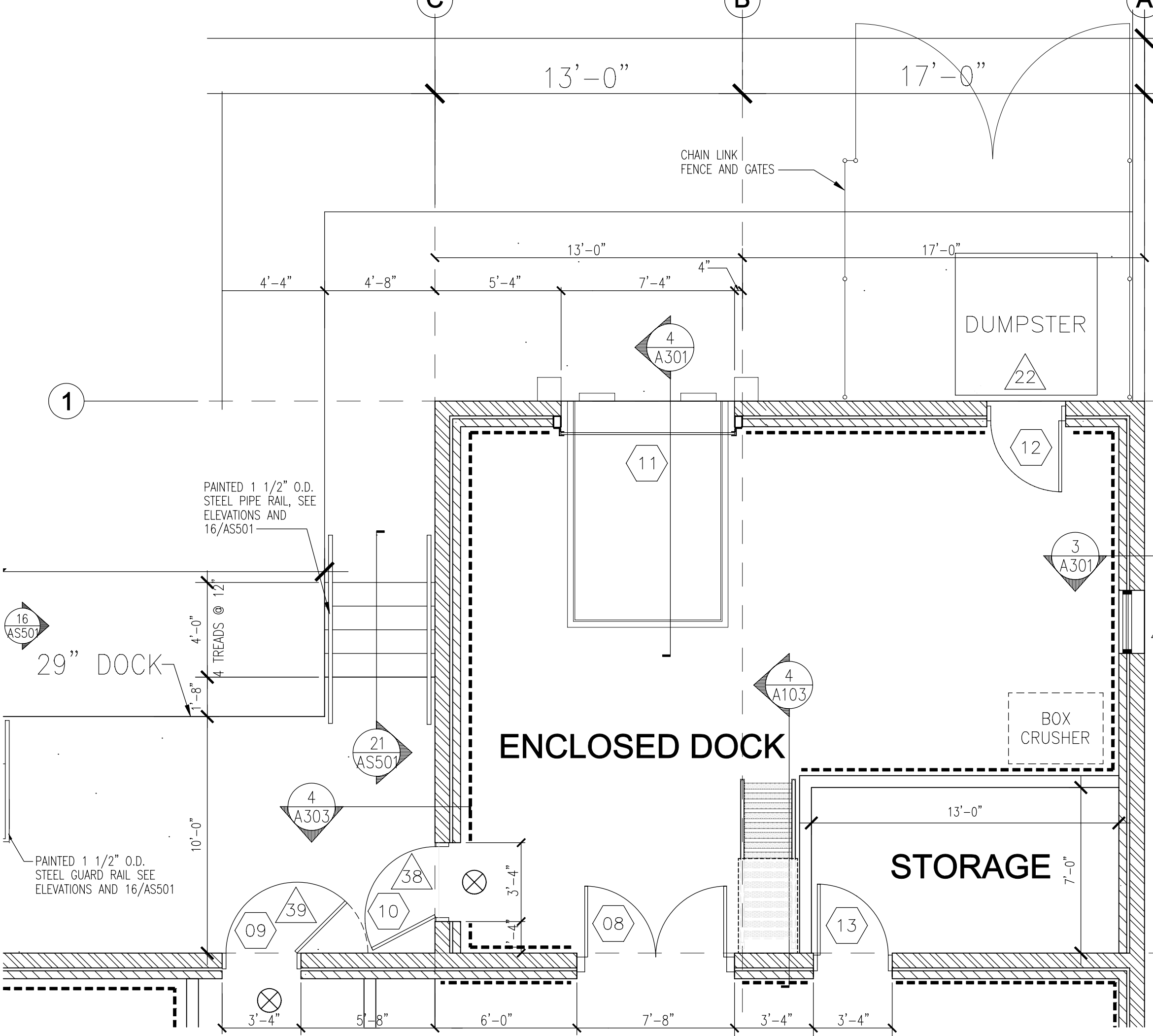
5 ELEV. AT JANITOR'S ROOM
SCALE: 1/4" = 1'-0"



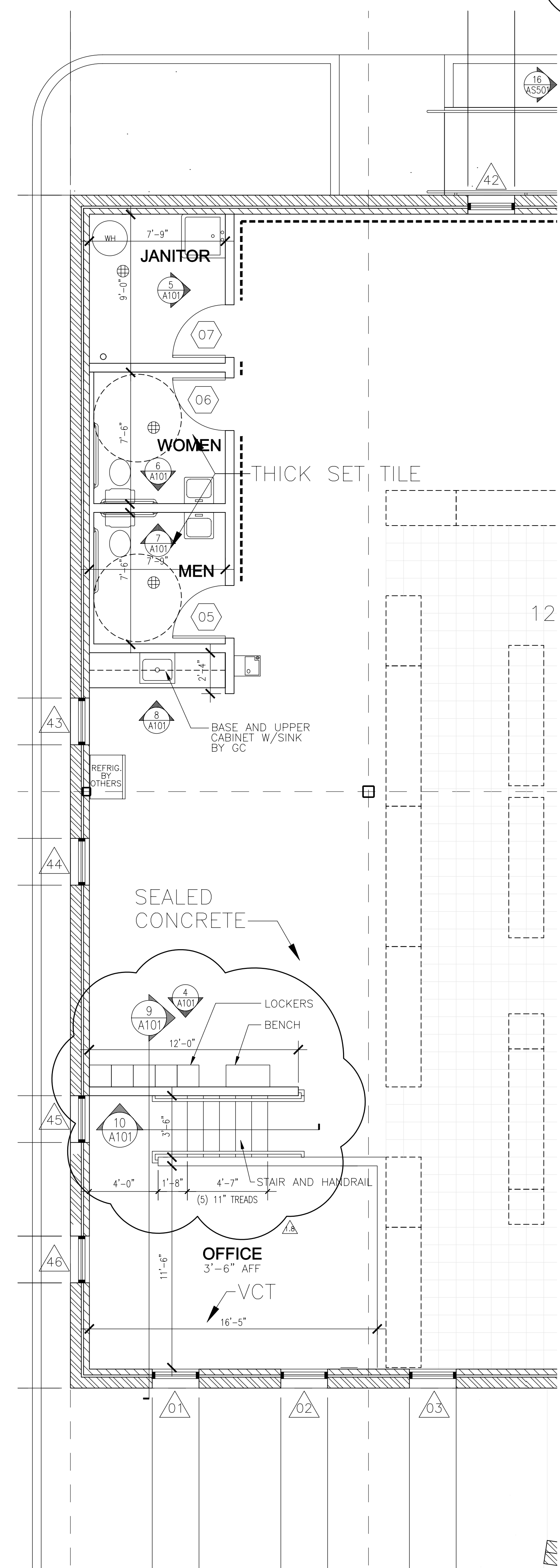
4 ELEVATION AT LOCKERS
SCALE: 1/4" = 1'-0"



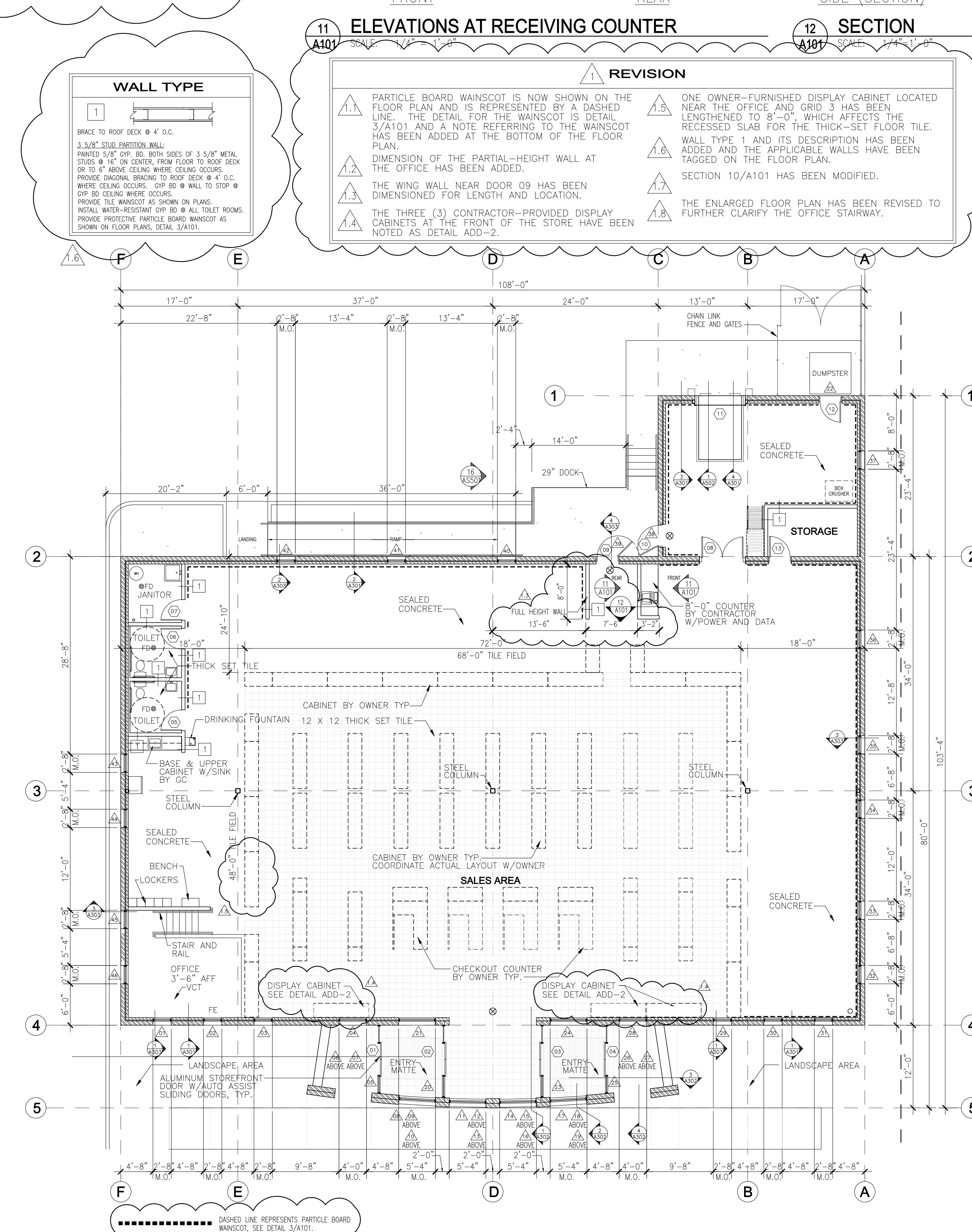
3 SECTION AT WAINSCOT
SCALE: NOT TO SCALE



ENLARGED FLOOR PLAN AT ENCLOSED DOCK
SCALE: 1/4" = 1'-0"



ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"



FLOOR PLAN
SCALE: 1/8" = 1'-0"

SCHEDULE OF DRAWINGS

DETAIL

	AT	INFO.	INFORMATION
ADJ.	ADJUSTABLE	INSUL.	INSULATION
ADJ.	ADJACENT	INT.	INTERIOR
A.B.	ANCHOR BOLT	INV.	INVERT
A.F.F.	ABOVE FINISHED	JAN	JANITOR
	FLOOR	JT.	JOINT
ALT.	ALTERNATE	LAM	LAMINATE
AL./AL.	ALUMINUM	MAS.	MASONRY
BRD./BD.	BOARD	MAX.	MAXIMUM
BLDG.	BUILDING	MECH.	MECHANICAL
BLK.	BLOCK (BLOCKING)	MFR.	MANUFACTURER
B.M.	BENCH MARK	MANUF.	MANUFACTURER
BOT./BTM.	BOTTOM	MIN.	MINIMUM
CAB.	CABINET	M.O.	MASONRY OPENING
C.O.	CLEAN OUT	MTL.	METAL
C.J.	CLEAR OUT	N.I.C.	NOT IN CONTRACT
CL	CENTER JOINT	NO.	NUMBER
CLG.	CEILING	ON C.	ON CENTER
C.M.U.	CONCRETE	O.D.	OUTSIDE DIAMETER
	MASONRY UNIT	O.H.	OVER HEAD
COL.	COLUMN	OPNG.	OPENING
CONC.	CONCRETE	OPP.	OPPOSITE
CONTD.	CONTINUED	OV.	OVER
CONST.	CONSTRUCTION	P.LAM	PLASTIC LAMINATE
CONT.	CONTINUOUS	P.L.	PROPERTY LINE
CONTR.	CONTRACTOR	PL.	PLATE
COTG	CLEAN OUT TO	PLYWD.	PLYWOOD
	GRADE	PLY.	PLYWOOD
Ø/DIA.	Ø DIAMETER	PNTD.	PAINTED
DET.	DETAIL	PMT.	PAINTED
D.F.	DRINKING FOUNTAIN	PVMT.	PAVEMENT
DN.	DOWN	Q.T.	QUARRY TILE
DWGS.	DRAWINGS	R./R	RADIUS
DRAWGS	DRAWINGS	RCP	REINFORCED
EA.	EACH		CONCRETE PIPE
E.J.	EXPANSION JOINT	R.D.	ROOF DRAIN
ELEV./EL.	ELEVATION	REINF.	REINFORCER
E.LV.	ELEVATOR	REQ.	REQUIRED
E.J.	EXPANSION JOINT	R.M.	ROOM
ENL.	ENLARGED	R.O.	ROUGH OPENING
EQ.	EQUAL	SECT.	SECTION
EQUIP.	EQUIPMENT	SEC.	SECTION
EW.	ELECTRIC WATER	SHT.	SHEET
	COOLER	SIM.	SIMILAR
EXIST.	EXISTING	SQ./SQ	SQUARE
EXTG.	EXISTING	SPEC.	SPECIFICATION
EXP.	EXPANSION	S.S.	STAINLESS STEEL
EXT.	EXTERIOR	S.T.D.	STANDARD
F.	FLOOR DRAIN	STL	STEEL
F.E.C.	FIRE EXTINGUISHER	STOR.	STORAGE
	CABINET	STRUCT.	STRUCTURAL
F.E.	FIRE EXTINGUISHER		STRUCTURAL
FIN.	FINISH	SUSP.	SUSPENDED
F.F.	FINISH FLOOR	T.B.	TACK BOARD
F.H.	FIRE HYDRANT	T.O.	TOP OF
FL	FLOOR	T.O.A.	TOP OF ASPHALT
FT.	FOOT	T.O.B.	TOP OF BEAM
F.		TOP O.C.	TOP OF CONCRETE
F.V.	FIELD VERIFY	T.O.C.	TOP OF CURB
GA.	GAUGE	T.O.M.	TOP OF MASONRY
GALV.	GALVANIZED	T.O.S.	TOP OF SLAB
G./GALV.	GALVANIZED IRON	T.O.W.	TOP OF WALL
G.B.	GYPSON BOARD	TYP.	TYPICAL
GYP. BRD.	GYPSONUM BOARD	U.N.O.	UNLESS NOTED
H.B.	HOSE BIBB		OTHERWISE
H.C.	HAND/CAPPED	V.I.	VINYL TILE
HD.	HEAD	W/	WITH
H.M.	HOLLOW METAL	W.W.M.	WELDED WIRE MESH
HOL.MTL.	HOLLOW METAL	W.W.F.	WELDED WIRE FABRIC
HR.	HOUR	WD.	WOOD
HT.	HEIGHT	WIN.	WINDOW
I.D.	INSIDE DIAMETER	VEST.	VESTIBULE
IN.	INCH		
INCMG	INCOMING	VOT.	VIDEO DISPLAY TERMINAL

FOOTNOTES:

1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through X - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.

2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:

- a) High Rise Requirements.
- b) Atriums.
- c) Performance Based Criteria.
- d) Means or Egress Analysis.
- e) Fire Assembly Locator Sheet.
- f) Exterior and Interior Accessibility Route.
- g) Fire Stopping, Including Tested Design Number.

LS101 LANDSCAPE PLAN AND PLANT SCHEDULE

- E0.1 ELECTRICAL SCHEDULES AND DIAGRAMS
- E1.1 ELECTRICAL SITE PLAN
- E2.1 LIGHTING PLAN
- E3.1 POWER PLAN
- E4.1 PANEL SCHEDULES AND WIRING DIAGRAMS

LS101 LANDSCAPE PLAN AND PLANT SCHEDULE

TYPICAL MISCELLANEOUS MOUNTING STANDARDS

TYPICAL HANDICAP LAVATORY CLEARANCES

PLAN

TYPICAL HANDICAP TOILET ROOM CLEARANCES

COUNTERTOP LAV

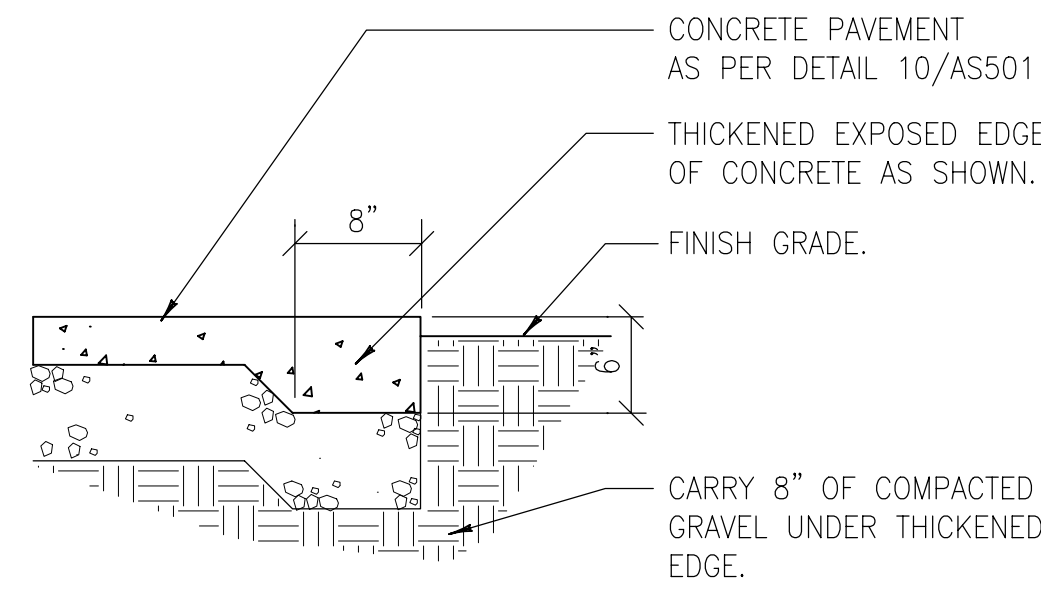
WALL MTD LAV

URINAL STALL

ELECTRIC WATER COOLERS

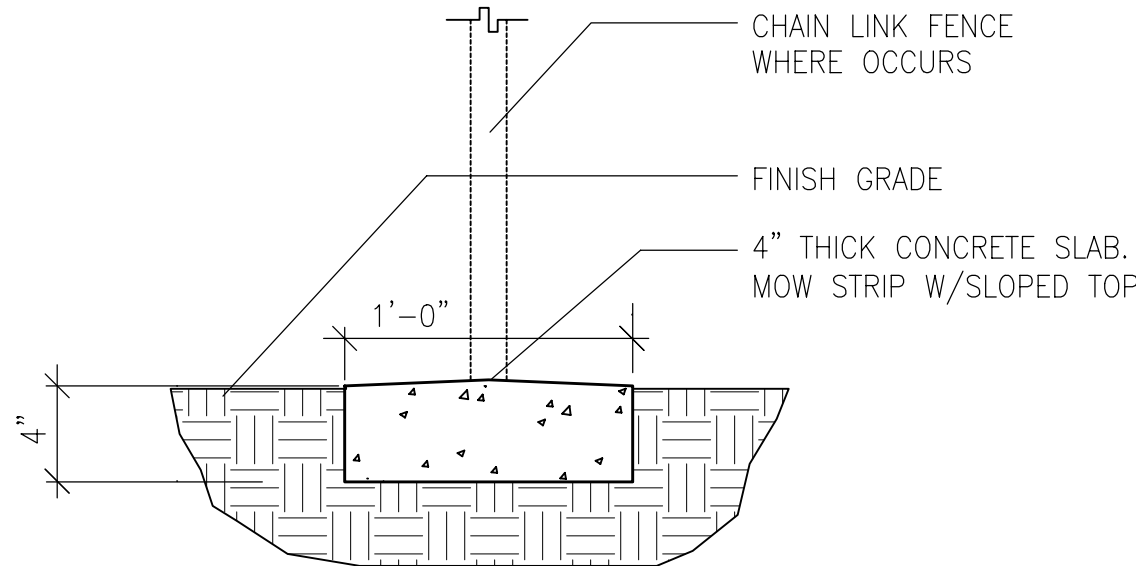
DOORS

CLOSETS



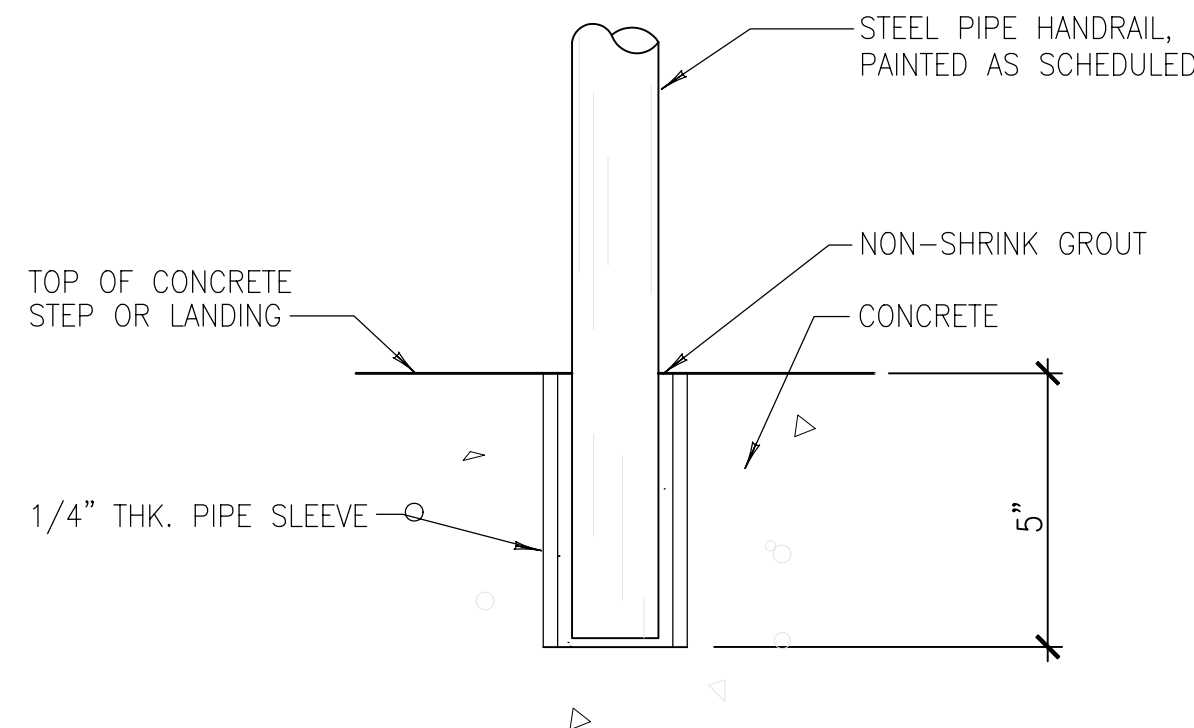
25 CONCRETE EDGE DETAIL

AS501 SCALE: 1" = 1'-0"



24 CONCRETE MOW STRIP DETAIL

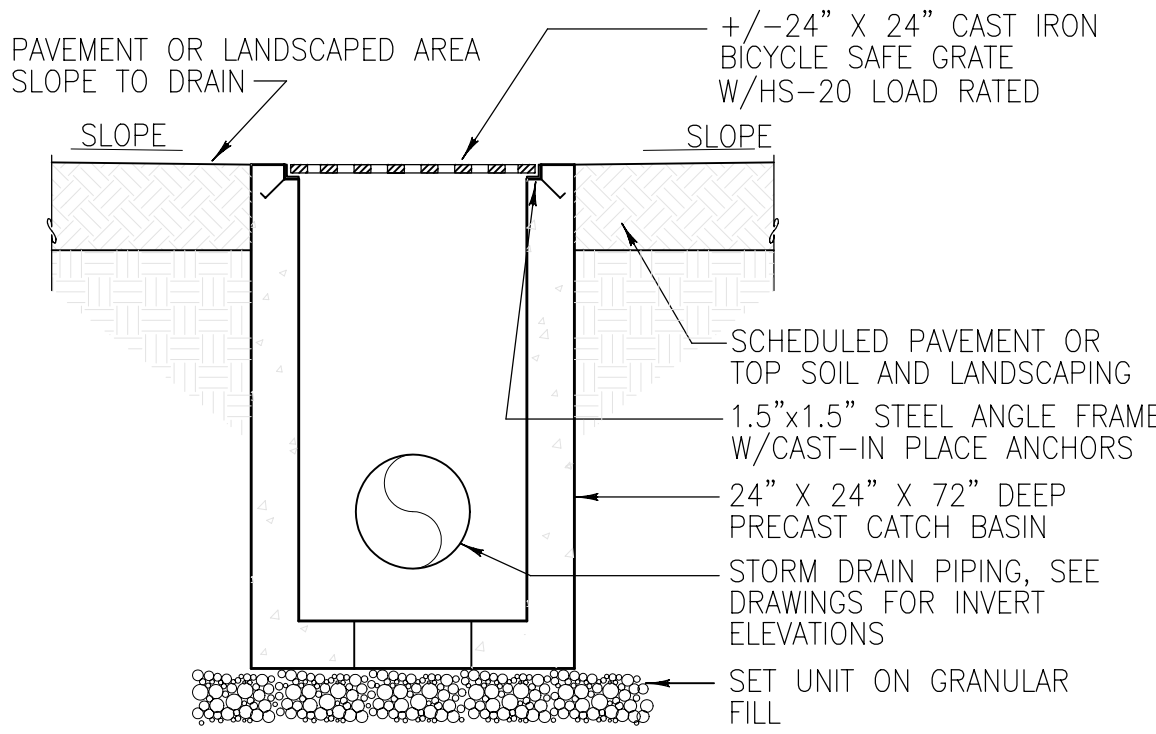
AS501 SCALE: NOT TO SCALE



SECTION

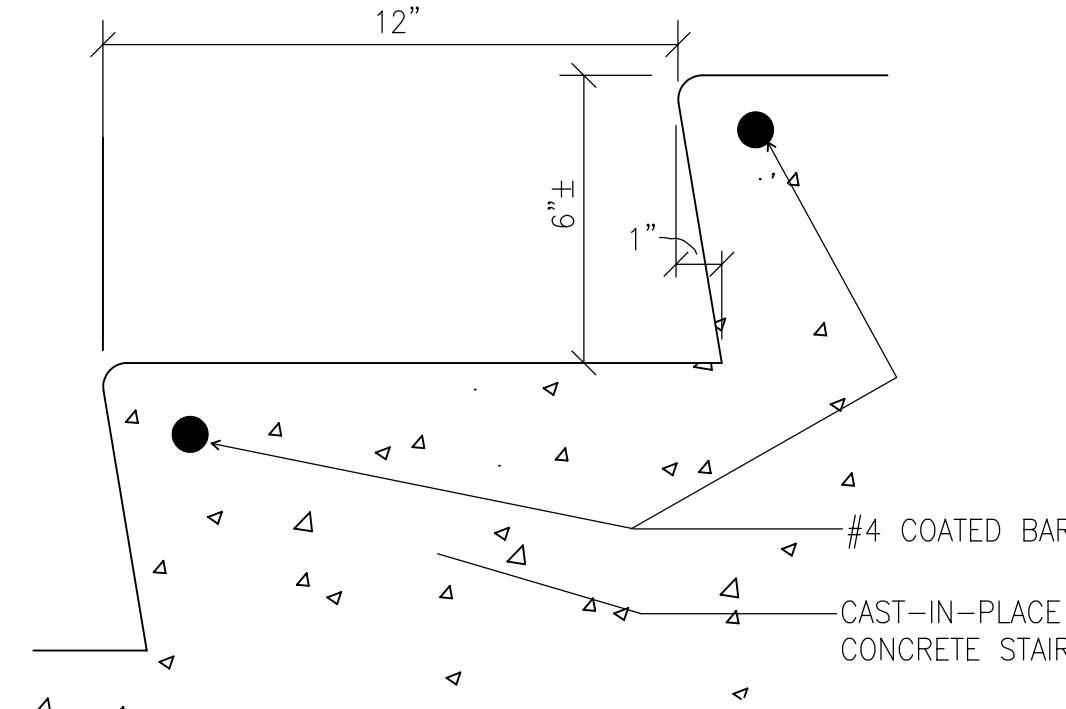
23 PIPE RAIL ANCHORING DETAIL

AS501 SCALE: NOT TO SCALE



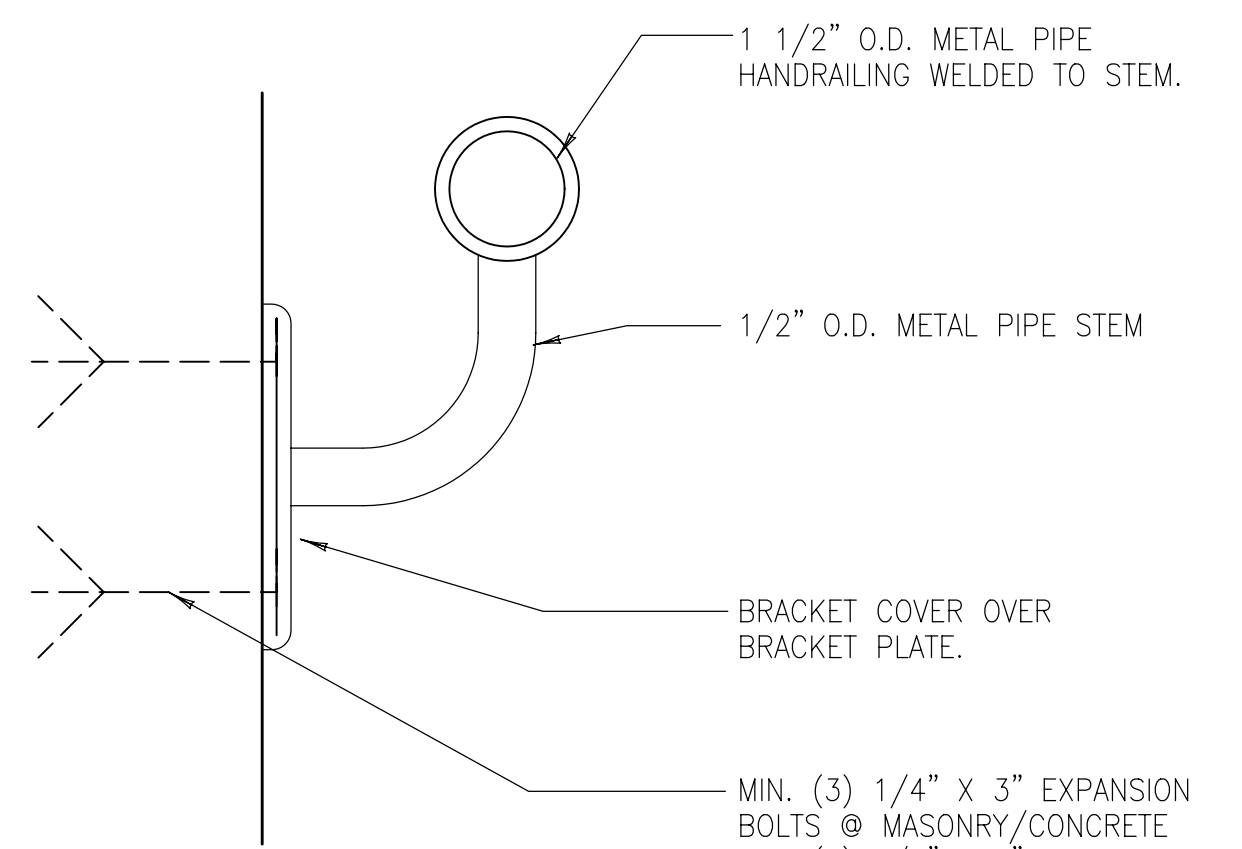
22 DRY SUMP CATCH BASIN

AS501 SCALE: NOT TO SCALE



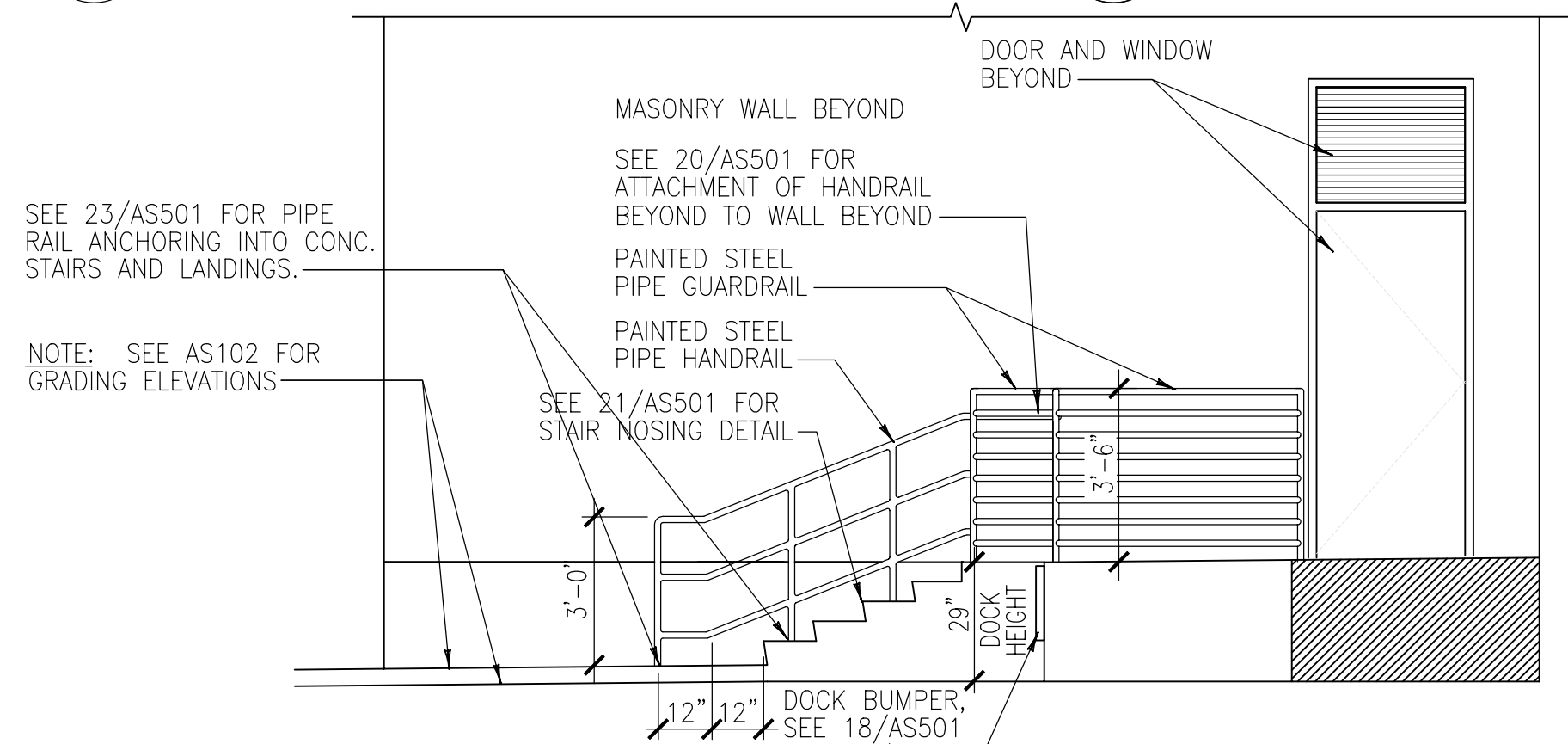
21 STAIR NOSING SECTION

AS501 SCALE: NOT TO SCALE



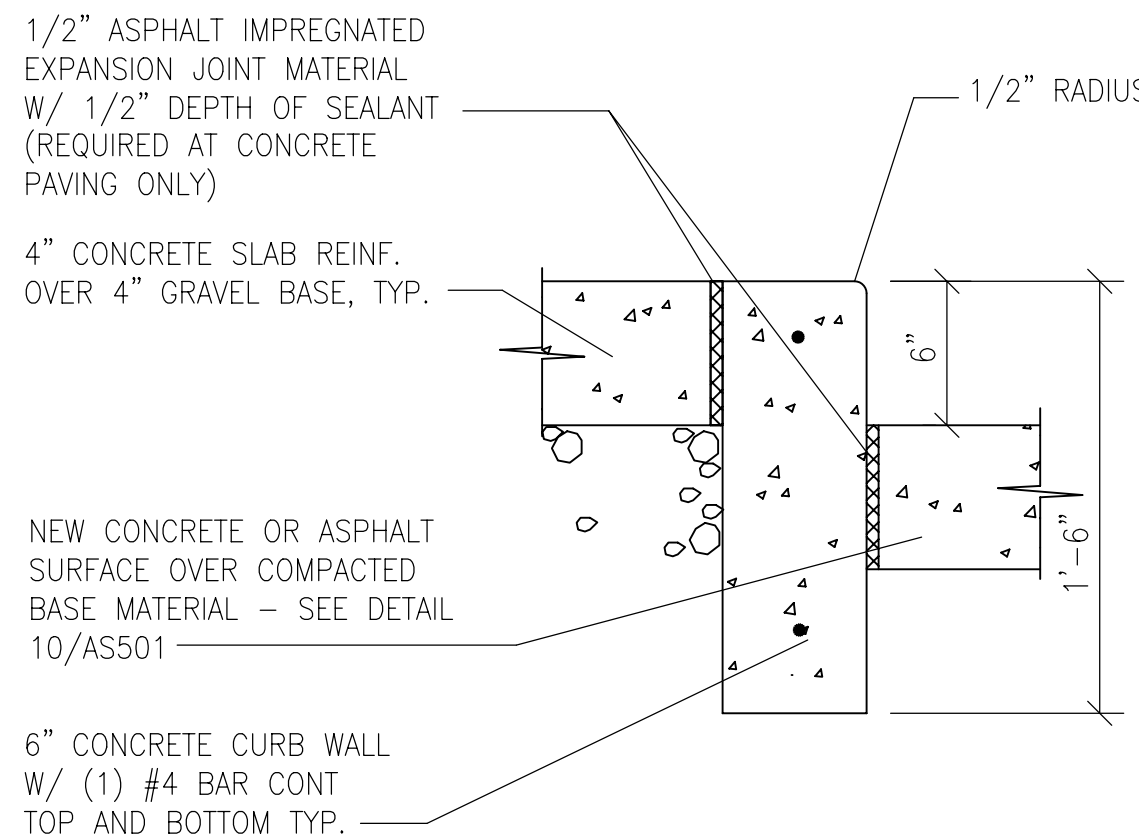
20 HANDRAIL MOUNTING DETAIL

AS501 SCALE: NOT TO SCALE



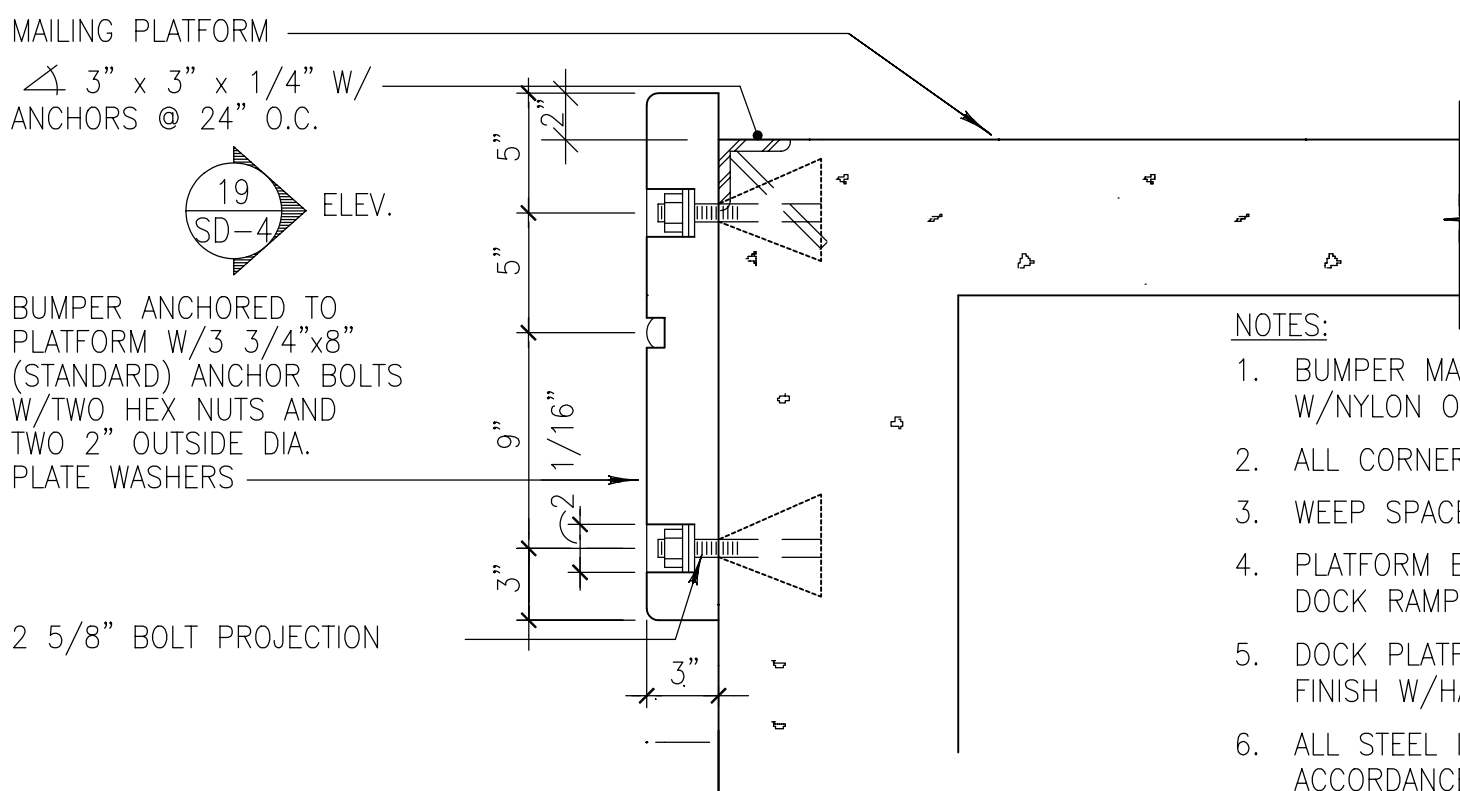
16 EXTERIOR STAIRWAY AND RAILING DETAIL

AS501 SCALE: NOT TO SCALE



17 CONCRETE CURB DETAIL

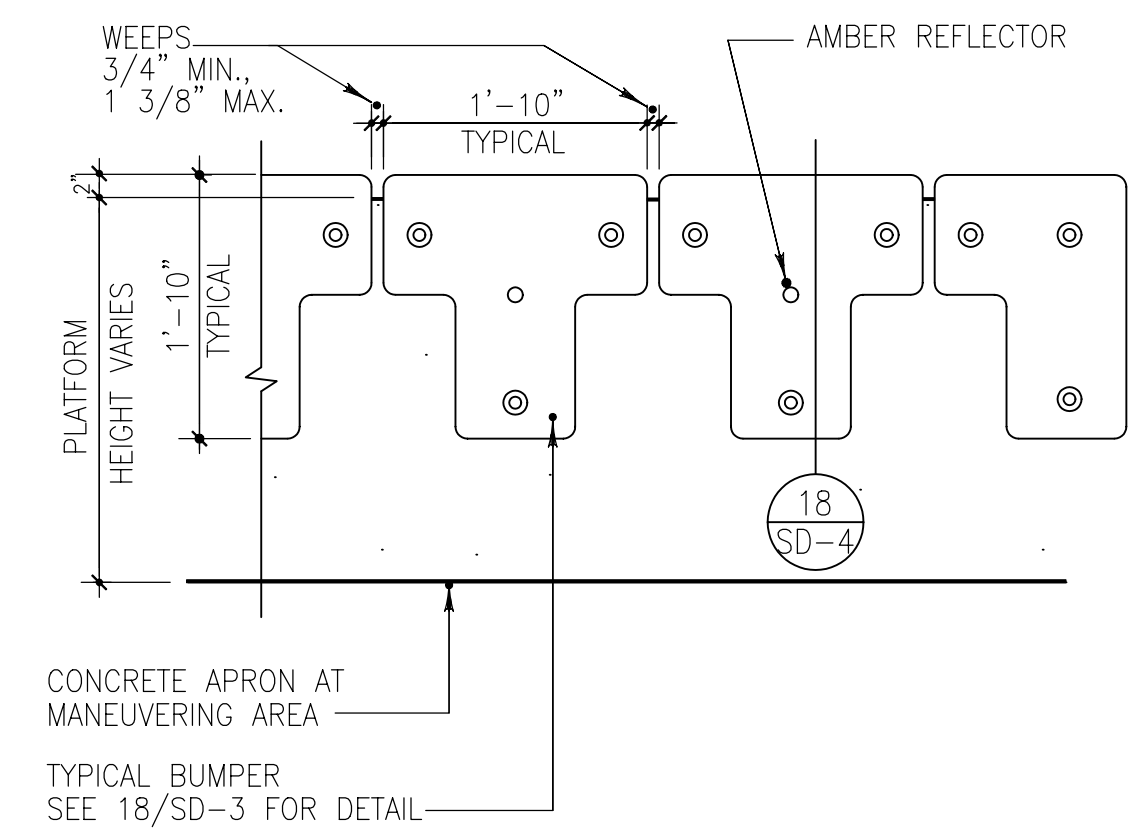
AS501 SCALE: NOT TO SCALE



18 DOCK BUMPER SECTION

AS501 SCALE: NOT TO SCALE

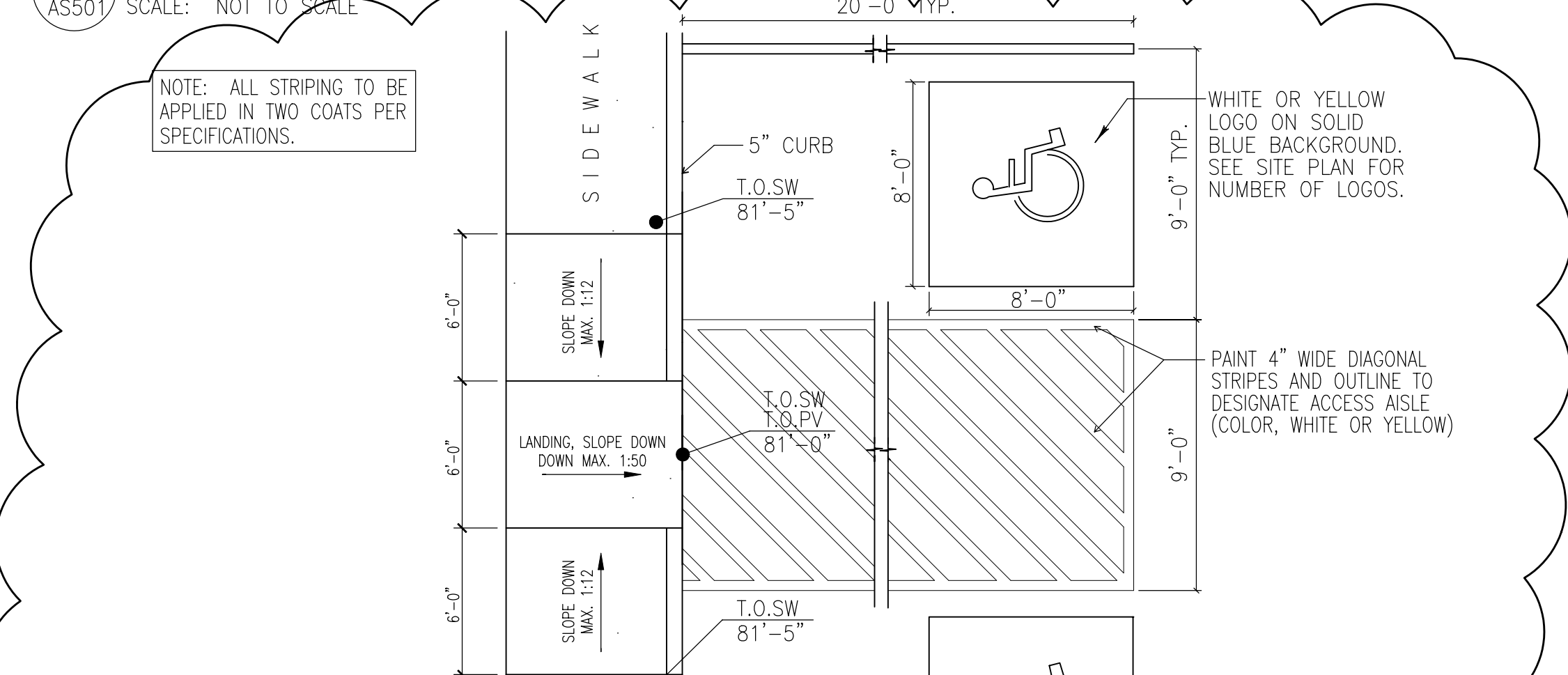
- NOTES:
1. BUMPER MADE OF RUBBER REINFORCED W/NYLON OR RAYON OR A COMBINATION OF BOTH.
 2. ALL CORNERS ROUNDED.
 3. WEEP SPACES BETWEEN BUMPERS 3/4" MIN-1 3/8" MAX.
 4. PLATFORM BUMPERS WILL NOT BE POSITIONED WHERE DOCK RAMPS (FLIP-OVER, HINGED ETC.) ARE USED.
 5. DOCK PLATFORM TO BE STEEL TROWEL AND BROOM FINISH W/HARDENING AND SEALING.
 6. ALL STEEL INCL. BOLTS MUST BE GALVANIZED IN ACCORDANCE W/ ASTM A-123.



NOTES: ALL STEEL TO BE GALVANIZED IN ACCORDANCE W/ ASTM A-123.

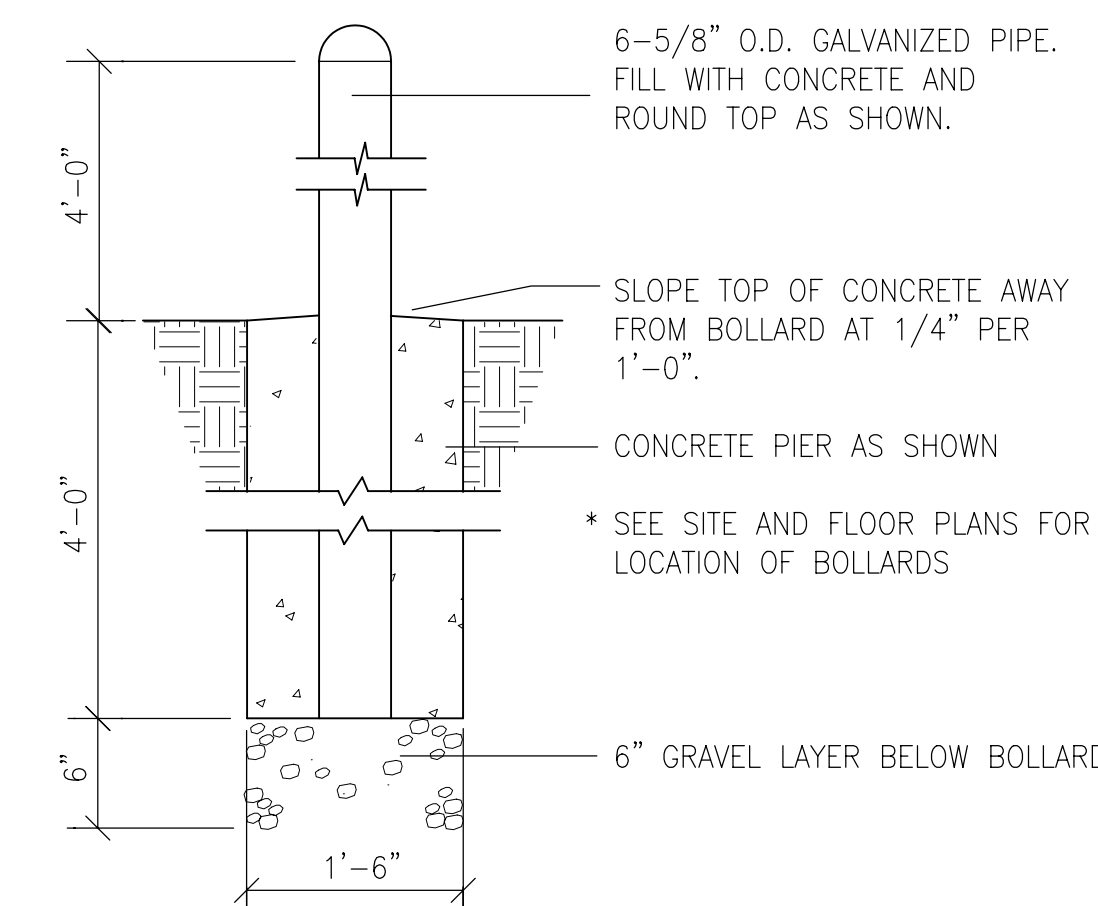
19 DOCK BUMPER ELEVATION

AS501 SCALE: NOT TO SCALE



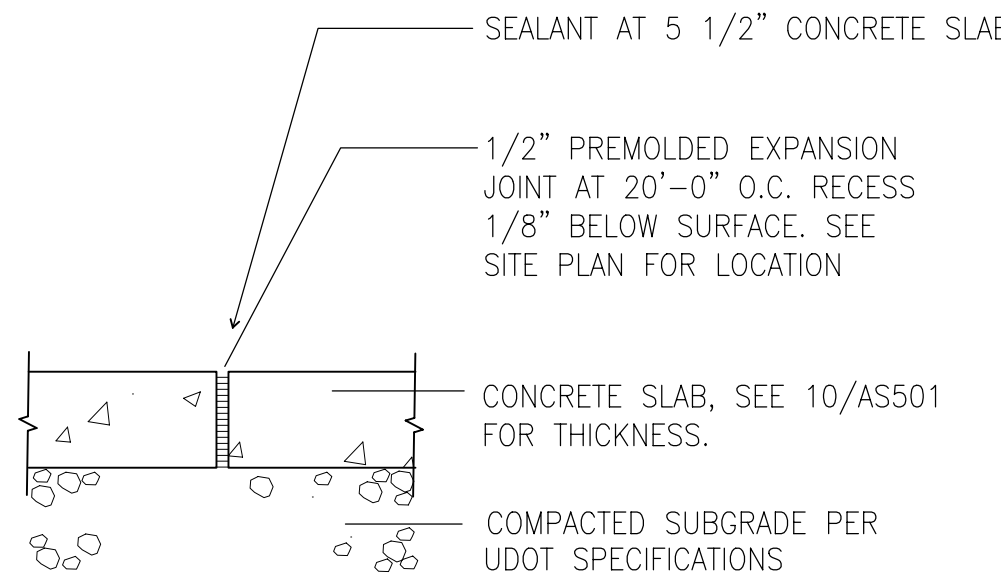
15 HANDICAP PARKING STALL AND ACCESS AISLE DETAIL

AS501 SCALE: NOT TO SCALE



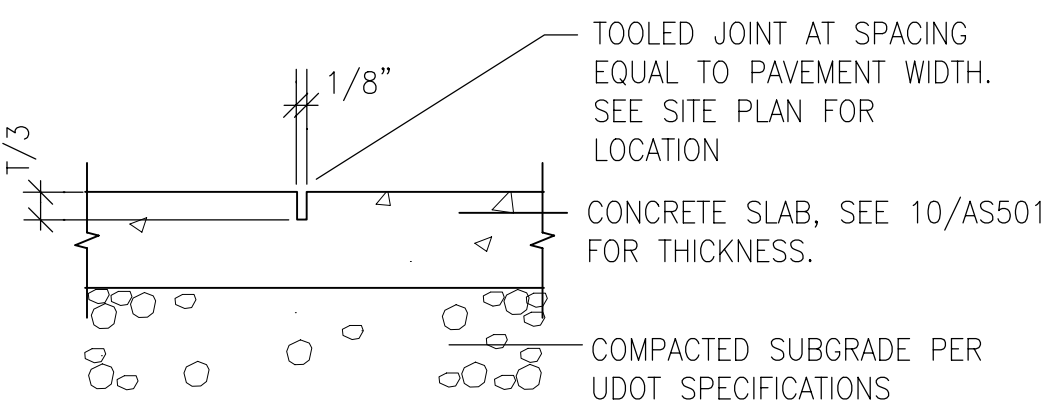
14 BOLLARD DETAIL

AS501 SCALE: 3/4" = 1'-0"



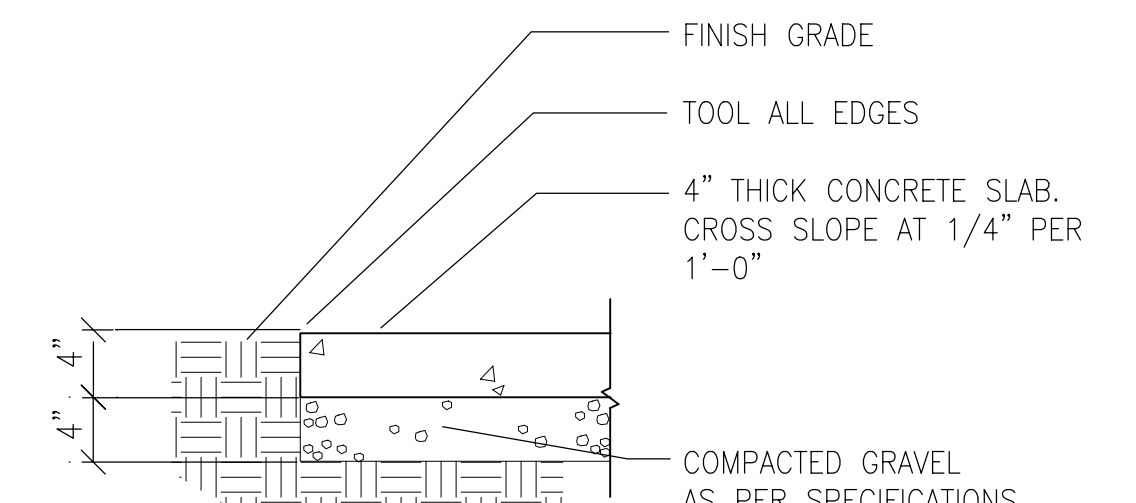
13 EXPANSION JOINT DETAIL (EJ)

AS501 SCALE: 1-1/2" = 1'-0"



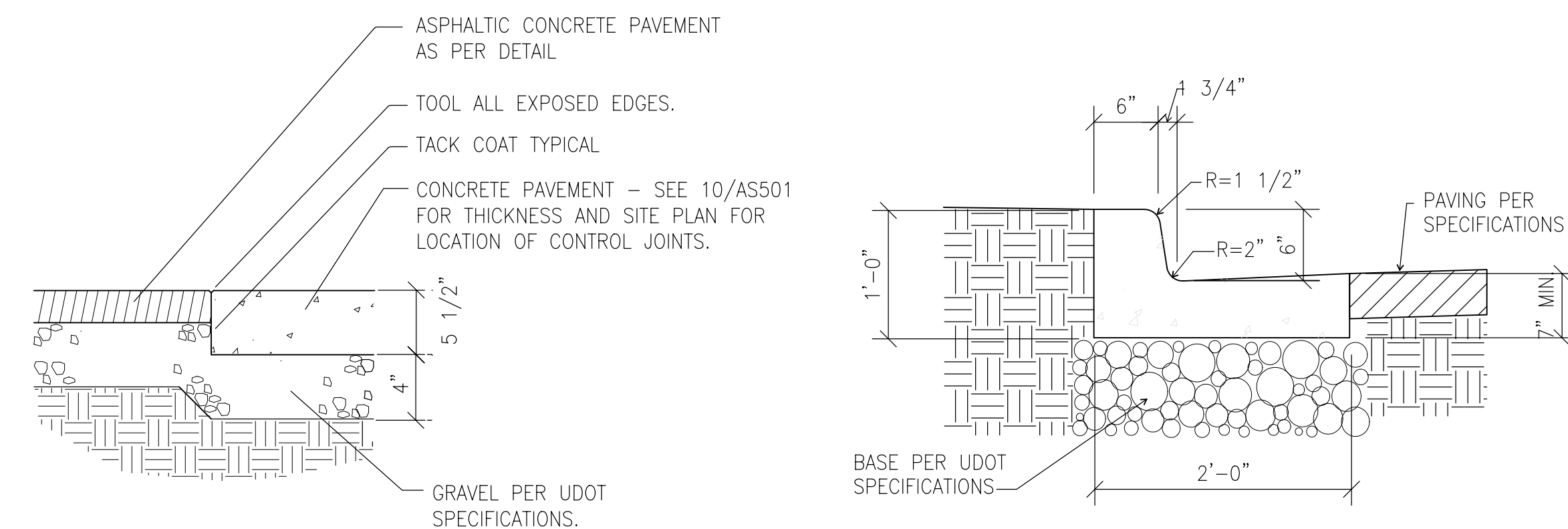
12 CONTROL JOINT DETAIL (CJ)

AS501 SCALE: 1-1/2" = 1'-0"



11 CONCRETE SIDEWALK DETAIL

AS501 SCALE: 1" = 1'-0"

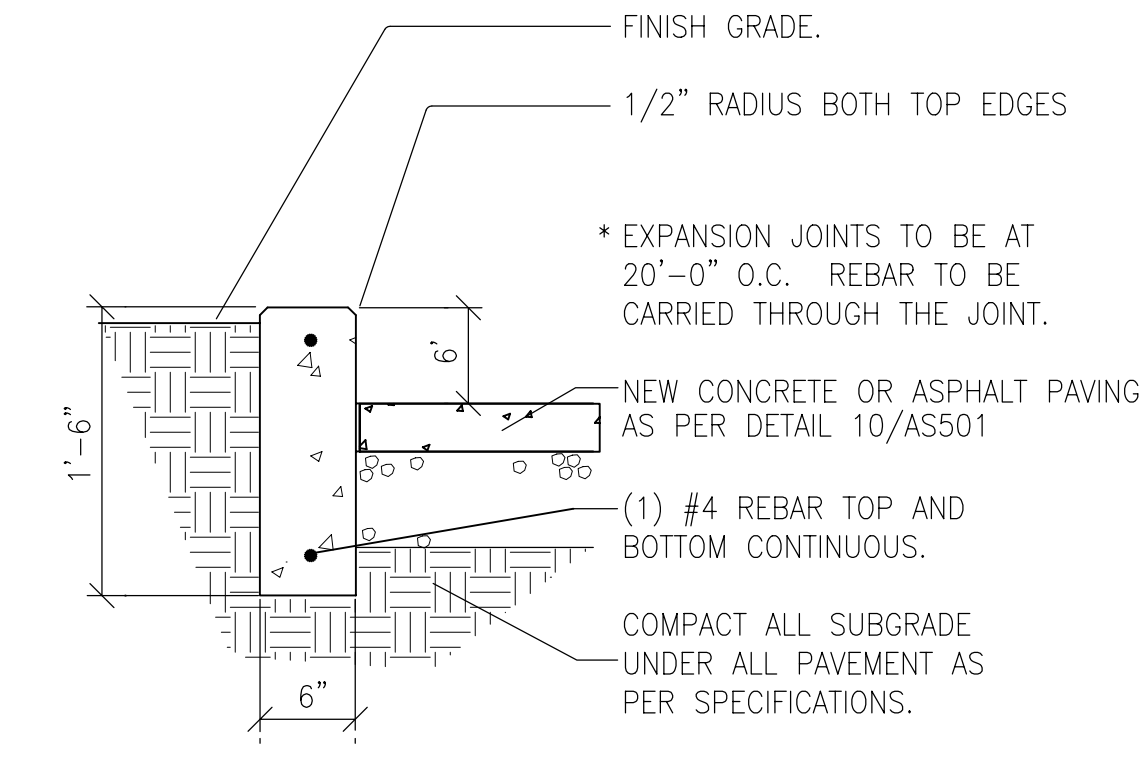


5 CONCRETE/ASPHALT EDGE

AS501 SCALE: NOT TO SCALE

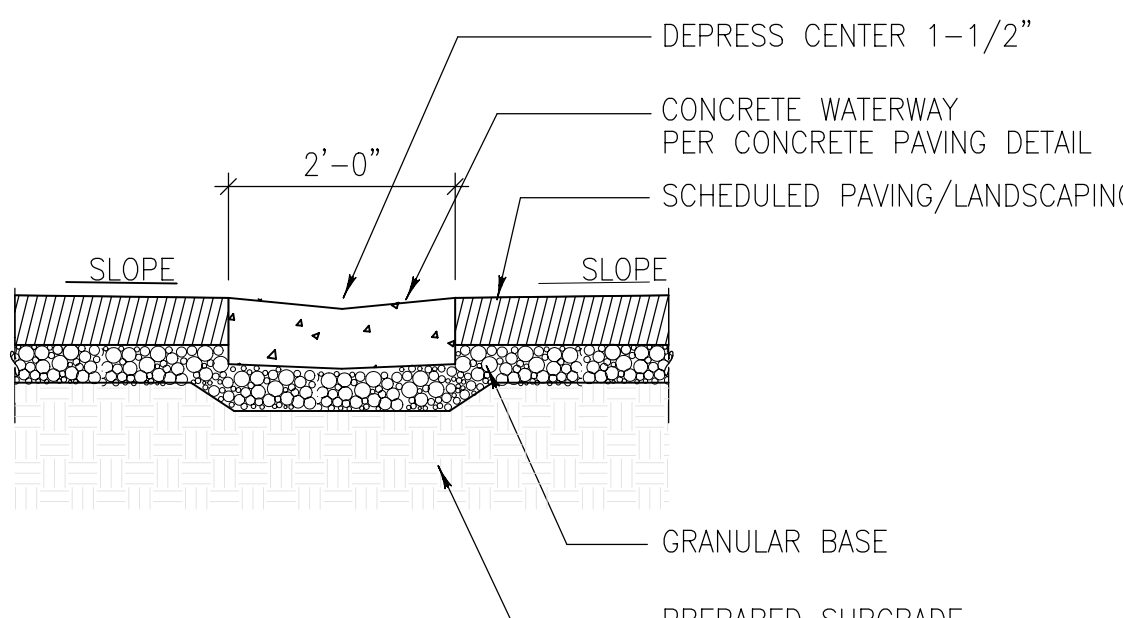
6 CURB AND GUTTER DETAIL

AS501 SCALE: NOT TO SCALE



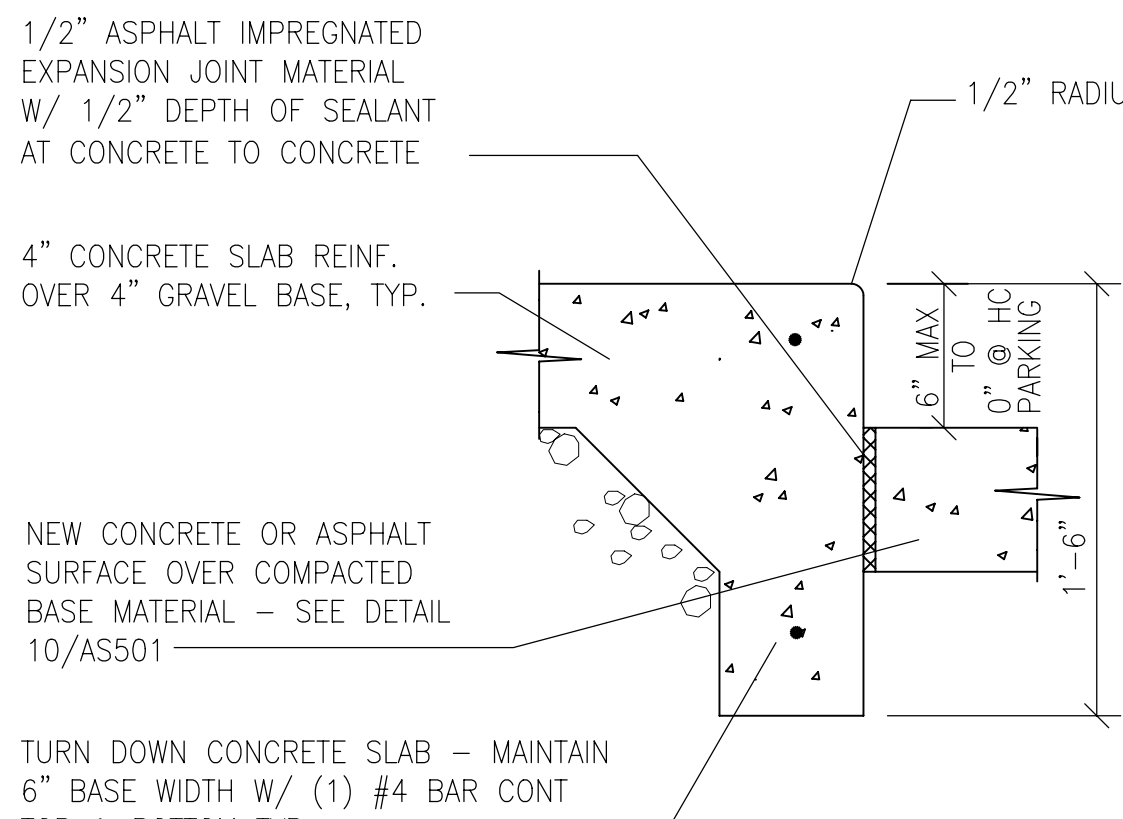
7 CONCRETE CURB DETAIL

AS501 SCALE: 1" = 1'-0"



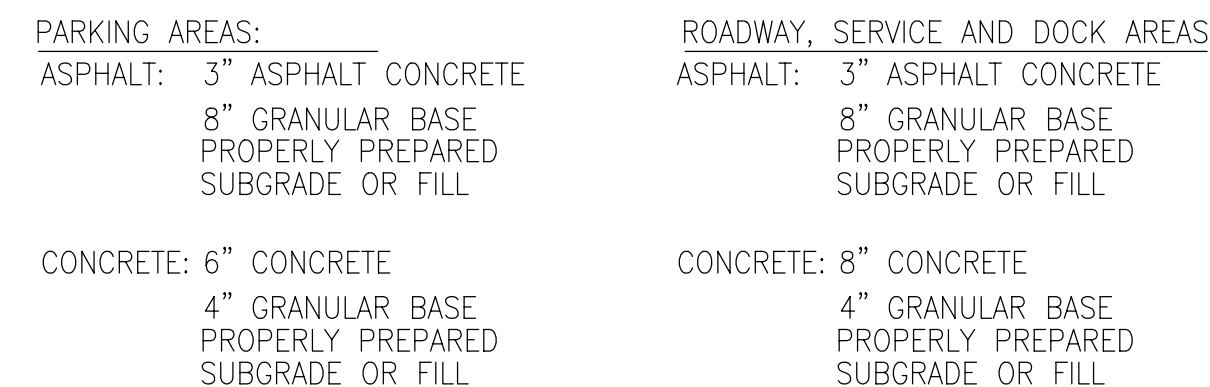
8 CONCRETE WATERWAY DETAIL

AS501 SCALE: NOT TO SCALE



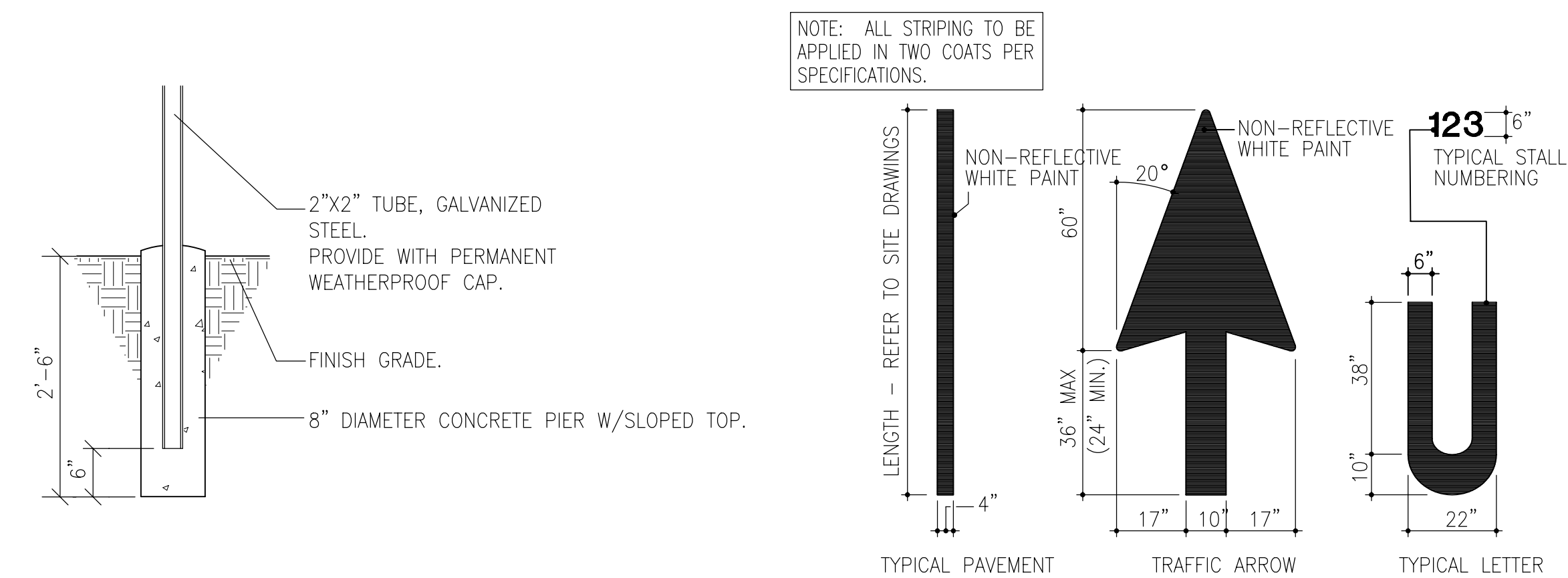
9 CURB TO SIDEWALK DETAIL

AS501 SCALE: 1-1/2" = 1'-0"



10 PAVEMENT SECTIONS

AS501 SCALE: 3" = 1'-0"

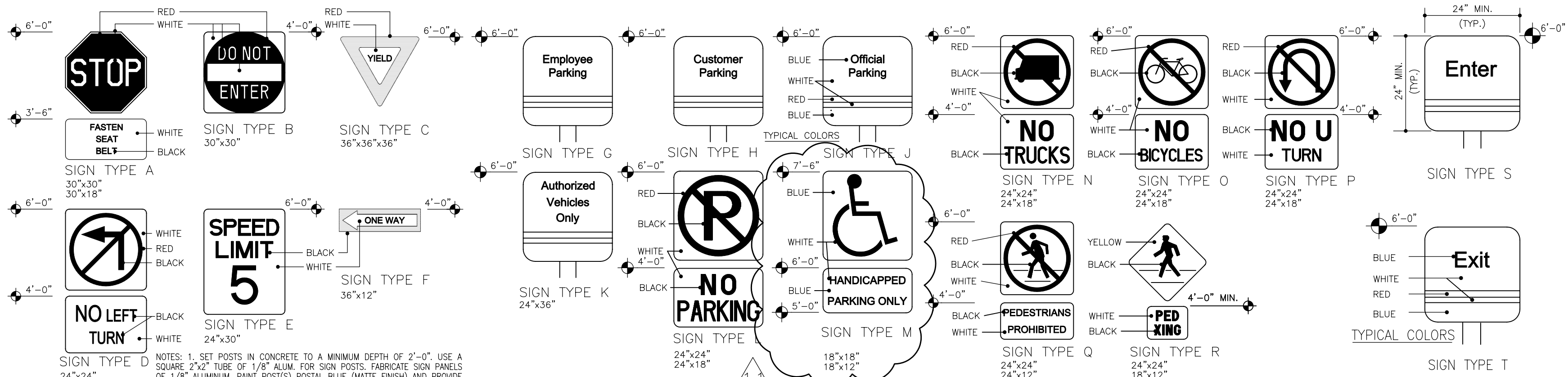


4 EXTERIOR SIGNAGE SUPPORT

AS501 SCALE: 3/4" = 1'-0"

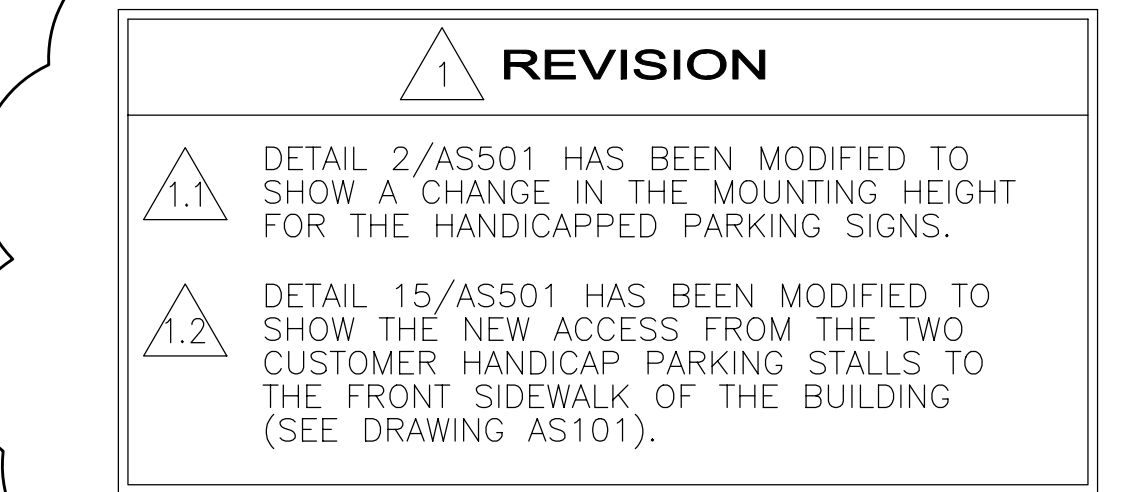
3 PAVEMENT MARKINGS

AS501 SCALE: NOT TO SCALE



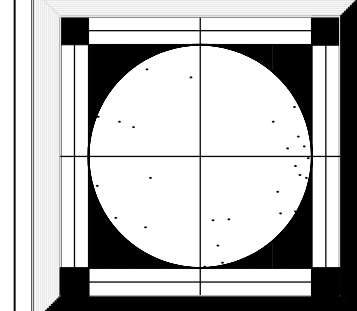
2 EXTERIOR TRAFFIC SIGNAGE

AS501 SCALE: NOT TO SCALE



1 NOT USED

AS501 SCALE: NONE



NEW HARRISVILLE LIQUOR STORE

DEPT OF ALCOHOLIC BEVERAGE CONTROL

1455 SOUTH WALL AVENUE, HARRISVILLE, UTAH

FRANK N MURDOCK JR ■ Architect & Associates

975 East 100 South Suite 100, Salt Lake City, Utah 84102

SITE DETAILS

TEL: (801) 532-4441 FAX (801) 532-4220

REVISION # DATE:

1 2/24/08

DFCM PROJECT NO.: 042242030
CONST DOC
FILE NAME: ABCH-AS501
PLOT SCALE: 1:240
DRAWN BY: STAFF
CHECKED BY: FNM
DATE: JANUARY 24, 2008

AS 501

PROJECT INFORMATION

OWNER:STATE OF UTAH
DIVISION OF FACILITIES
CONSTRUCTION AND MANAGEMENT
4110 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114

ARCHITECT:FRANK N. MURDOCK JR.
ARCHITECT + ASSOCIATES
975 EAST 100 SOUTH
SALT LAKE CITY, UTAH 84102

PROPOSED USE
STATE LIQUOR STORE

PROPOSED ADDRESS
433 NORTH MAIN, TOOELE, UTAH

SITE INFORMATION (NOT FOR MATERIAL TAKE OFF USE)
TOTAL SITE:1.384 ACRES (60,277 SQ FT ±)

PARKING INFORMATION
CUSTOMER &
EMPLOYEE PARKING: 71 PARKING STALLS
1 STALL / 160 SQ FT OF GROSS AREA

BUILDING FOOTPRINT: 11,375 SQ FT 18.9%
HARD SURFACE AREA: 32,300 SQ FT 53.6%
LANDSCAPING AREA: 16,612 SQ FT 27.5%

SITE DRAWINGS

SEE SHEET AS101 FOR GENERAL SITE DEMOLITION PLAN AND NEW SITE PLAN
SEE SHEET AS102 FOR SITE GRADING AND STORM SEWER INFORMATION
SEE SHEET AS103 FOR SITE UTILITY INFORMATION
SEE SHEET AS501 FOR SITE DETAIL INFORMATION

SITE PLAN LEGEND

- CATCH BASIN

⊗ STORM DRAIN MAN HOLE

⊕ POWER POLE

⌵ WATER VALVE

□ ELECTRIC BOX

⊙ FIRE HYDRANT

● SANITARY SEWER MAN HOLE

• LIGHT POST

□ STREET LIGHT BOX

■ GAS METER

■ TELEPHONE BOX

PL PROPERTY LINE

L LANDSCAPE AREA

SW SIDEWALK
- T.O.G TOP OF GRATE

I.E. INVERT ELEVATION

T.O.SW TOP OS SIDEWALK

T.O.PV TOP OF PAVEMENT

T.O.C. TOP OF CONCRETE

— OVERHEAD TRANSMISSION LINE

--- UNDERGROUND POWER

SS SANITARY SEWER

W WATER LINE

T TELEPHONE LINE

— GAS LINE

--- CABLE T.V.

— PARKING STALLS
- FENCE

— 2 - 4" PVC PIPE SLEEVE

— 4434 EXISTING GRADE CONTOUR

③ NEW GRADE CONTOUR

— CENTER LINE OF ROAD

— NEW SECURITY FENCE

Ⓐ Ⓑ SIGN TYPES - SEE 2/AS501

NEW CONCRETE PAVING AND SIDEWALKS

GENERAL NOTES

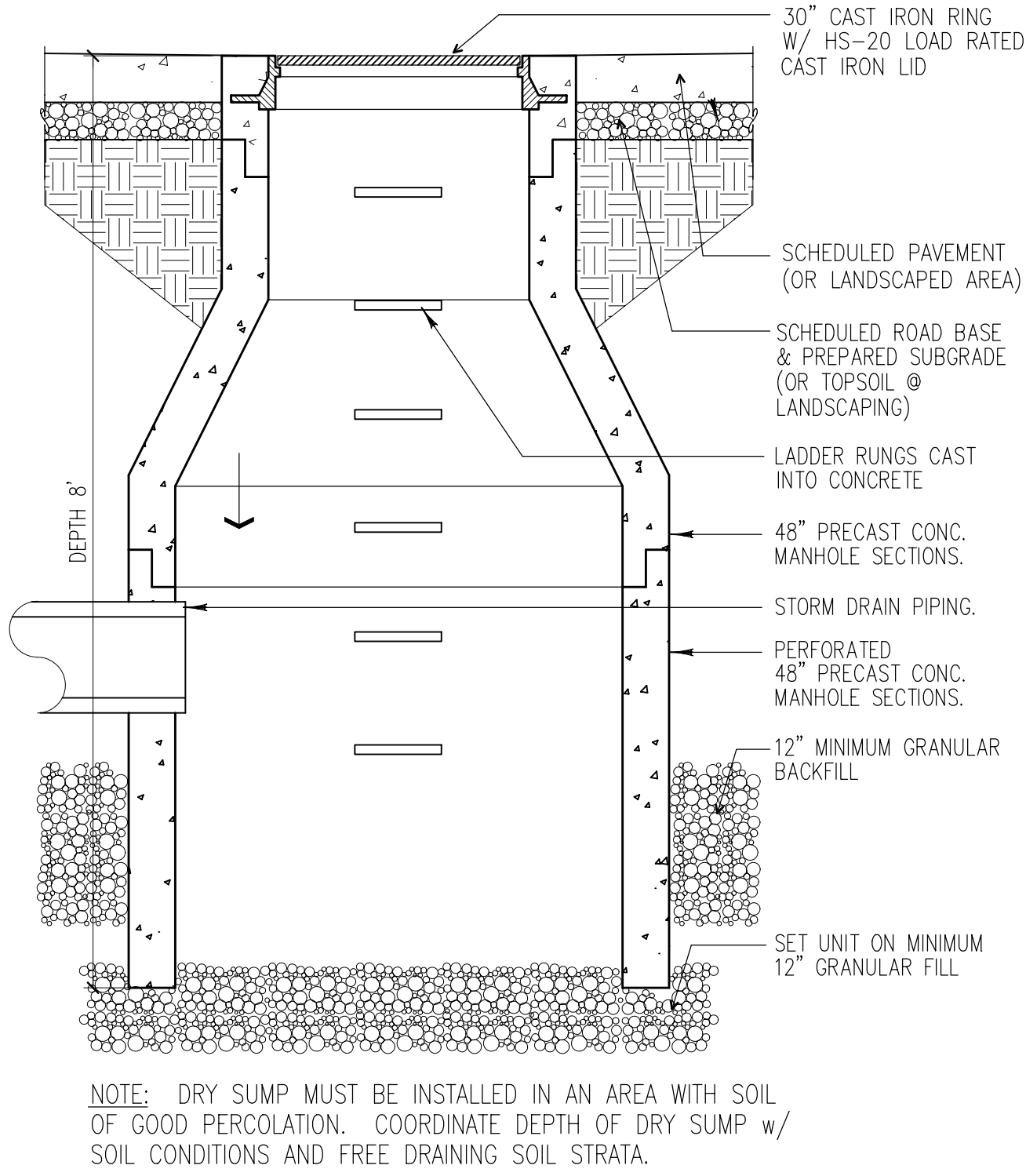
- REFER TO SITE DEVELOPMENT, LANDSCAPE, MECHANICAL AND ELECTRICAL DRAWINGS FOR DIMENSIONS AND ADDITIONAL SITE INFORMATION.
- CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES TO THE CONTRACT DOCUMENTS.
- PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING AT ALL POINTS.
- CONTRACTOR SHALL NOT PARK, STORE EQUIPMENT, OR USE THE EXISTING ROAD FOR ANY PURPOSE OTHER THAN ACCESS TO THE PROJECT SITE. CONTRACTOR SHALL NOT DISTURB OR USE ANY AREA OUTSIDE CONTRACT LIMIT LINE TO PARK OR STORE EQUIPMENT. UNLESS OTHERWISE NOTED, THE PROPERTY LINE SHALL FORM THE BOUNDARY OF THE CONTRACT LIMIT LINE.
- CONTRACTOR WILL MAINTAIN AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
- ALL CUTTING, PATCHING, EXCAVATION AND BACKFILL DONE IN STREET SHALL BE DONE IN ACCORDANCE WITH UTAH DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- PROVIDE PIPE SLEEVES WHERE SPRINKLER LINES PASS UNDER ASPHALT PAVEMENT OR RETAINING WALLS.
- PROTECT ANY EXISTING STORM DRAINS FROM MUD AND DEBRIS DURING CONSTRUCTION.
- NEW WATER METER TO BE INSTALLED PER HARRISVILLE CITY STANDARDS.

UTILITY FEES

- THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY CONNECTION AND PERMIT FEES. CHARGES FOR IMPACT FEES BY UTILITIES OR MUNICIPALITIES ARE NOT TO BE CHARGED TO OR PAID BY THE CONTRACTOR OR THE STATE OF UTAH FOR STATE FACILITIES.

SANITARY SEWER NOTES

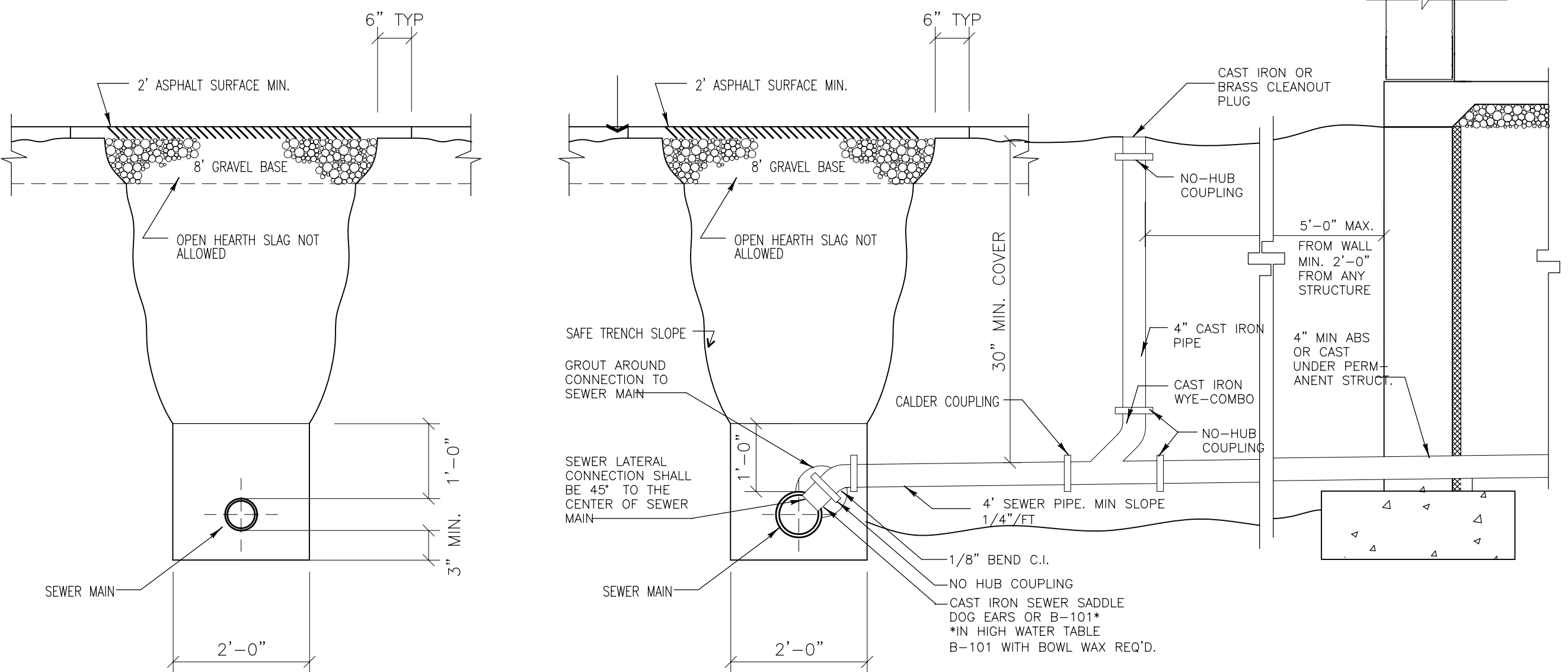
- ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH LOCAL SEWER DISTRICT'S DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS.
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTION OF ANY SEWER LINES.



2 AS103 DRY SUMP SECTION

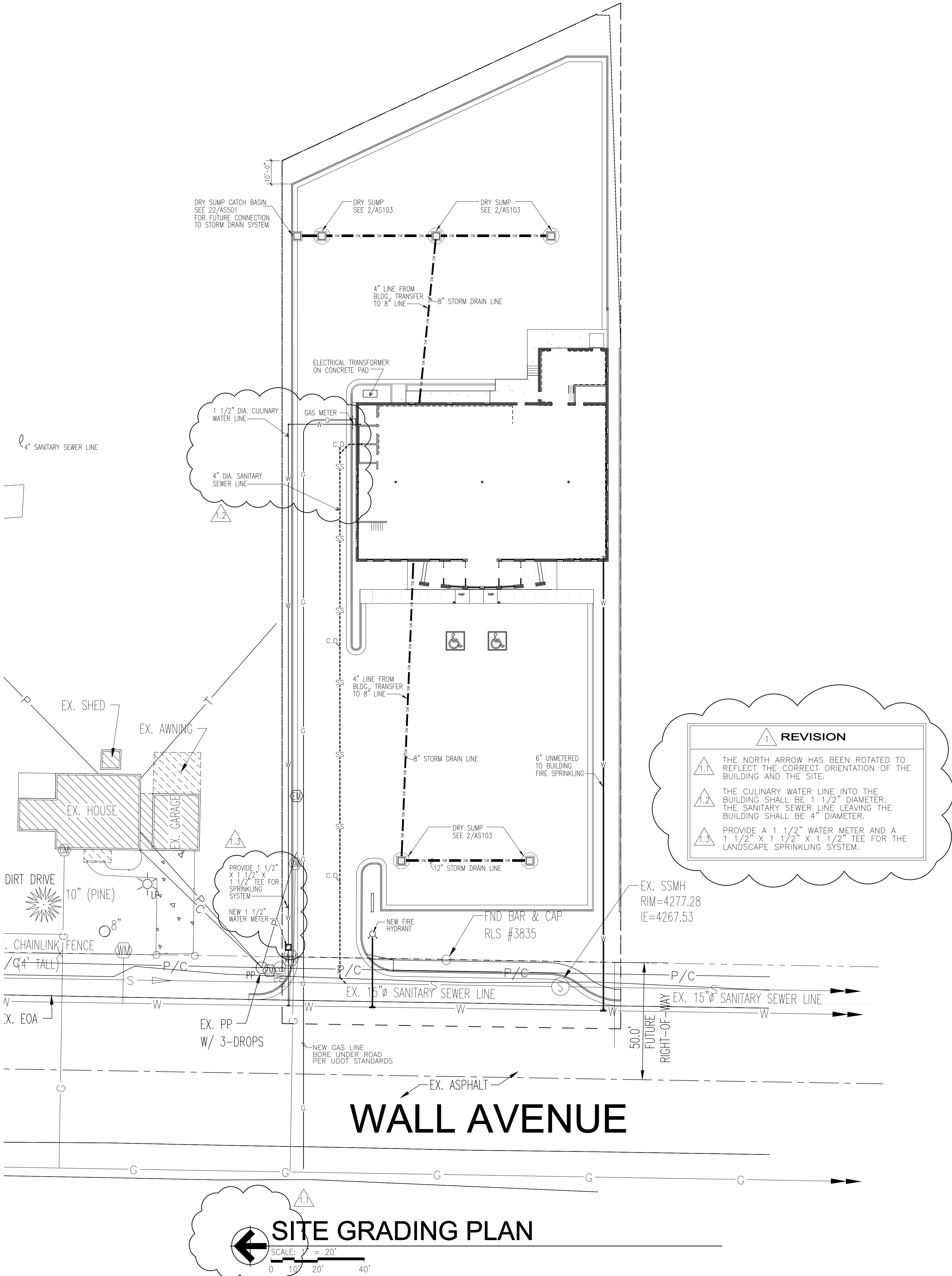
SCALE: 3/4" = 1'-0"

SITE-015



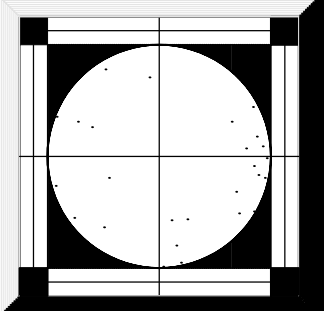
1 AS103 STANDARD SEWER LATERAL CONNECTION

SCALE: NOT TO SCALE



SITE GRADING PLAN

SCALE: 1" = 20'
0 10' 20' 40'



NEW HARRISVILLE LIQUOR STORE
DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL
1455 SOUTH WALL AVENUE, HARRISVILLE, UTAH

SITE UTILITY PLAN

FRANK N. MURDOCK JR. ■ Architect & Associates
975 East 100 South Suite 100, Salt Lake City, Utah 84102
TEL: (801) 532-4441 FAX: (801) 532-4220

REVISION # DATE:
1 2/24/06

DFCM PROJECT NO.:
04242030
CONSTR. DOC.
FILE NAME: ABCH-AS103
PLOT SCALE: 1:240
DRAWN BY: STAFF
CHECKED BY: FNM
DATE: JANUARY 24, 2006

AS
103

Attachment 1

Permit #

Permit Date



COMcheck Software Version 3.2.0

Envelope Compliance Certificate

2003 IECC

Report Date: 03/02/06

Data filename: M:\Projects\2005\05291.00\Files\HARRIS~1.CCK

Section 1: Project Information

Project Title:

Construction Site:

Owner/Agent:

Designer/Contractor:

Section 2: General Information

Building Location (for weather data): **Ogden, Utah**
 Climate Zone: **12b**
 Heating Degree Days (base 65 degrees F): **5557**
 Cooling Degree Days (base 65 degrees F): **1096**
 Project Type: **New Construction**
 Vertical Glazing / Wall Area Pct.: **0%**

Building Type

Retail Sales, Wholesale Showroom

Floor Area

7262

Section 3: Requirements Checklist

Envelope TBD: No envelope assemblies specified

Climate-Specific Requirements:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor
----------------------------	-------------------------------	-------------------	------------------	----------------------	--------------------

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- ☐ 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- ☐ 2. Windows, doors, and skylights certified as meeting leakage requirements.
- ☐ 3. Component R-values & U-factors labeled as certified.
- ☐ 4. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- ☐ 5. Stair, elevator shaft vents, and other dampers integral to the building envelope are equipped with motorized dampers.
- ☐ 6. Cargo doors and loading dock doors are weather sealed.
- ☐ 7. Recessed lighting fixtures are: (i) Type IC rated and sealed or gasketed; or (ii) installed inside an appropriate air-tight assembly with a 0.5 inch clearance from combustible materials and with 3 inches clearance from insulation material.
- ☐ 8. Building entrance doors have a vestibule and equipped with closing devices.
Exceptions:
 Building entrances with revolving doors.
 Doors that open directly from a space less than 3000 sq. ft. in area.
- ☐ 9. Vapor retarder installed.

Project Notes:

Previously saved project information:

Harrisville Liquor Store

Frank N. Murdock

975 East 100 South

Salt Lake City, Utah 84102

Kenneth Gibbs



COMcheck Software Version 3.2.0

Mechanical Requirements Description

2003 IECC

Report Date:

Data filename: M:\Projects\2005\05291.00\Files\HARRIS~1.CCK

The following list provides more detailed descriptions of the requirements in Section 4 of the Mechanical Compliance Certificate.

Requirements Specific To: HVAC System 1 :

1. The specified heating and/or cooling equipment is covered by the ASHRAE 90.1 Code and must meet the following minimum efficiency: Duct Furnace (Gas): 80% Ec
2. The specified heating and/or cooling equipment is covered by ASHRAE 90.1 Code and must meet the following minimum efficiency: Rooftop Package Unit: 9.7 SEER

Requirements Specific To: Storage Water Heater 1 :

1. Piping for the specified circulating service hot water system must be insulated with a minimum of 1-in. insulation having a conductivity no $>0.28 \text{ Btu-in/(h-ft}^2\text{-degrees F)}$.
2. Circulating service hot water systems must have a time switch control that can automatically turn off the system during unoccupied hours.
3. Service water heating equipment used solely for heating potable water, pool heaters, and hot water storage tanks must meet the following minimum efficiency: Electric Water Heater efficiency $\geq 0.85 \text{ EF}$, 291 SL, Btu/h (if $> 12 \text{ kW}$)

Generic Requirements: Must be met by all systems to which the requirement is applicable:

1. Design heating and cooling loads for the building must be determined using procedures in the ASHRAE Handbook of Fundamentals or an approved equivalent calculation procedure.
2. All equipment and systems must be sized to be no greater than needed to meet calculated loads. A single piece of equipment providing both heating and cooling must satisfy this provision for one function with the capacity for the other function as small as possible, within available equipment options.
 - Exception: The equipment and/or system capacity may be greater than calculated loads for standby purposes. Standby equipment must be automatically controlled to be off when the primary equipment and/or system is operating.
 - Exception: Multiple units of the same equipment type whose combined capacities exceed the calculated load are allowed if they are provided with controls to sequence operation of the units as the load increases or decreases.
3. Each heating or cooling system serving a single zone must have its own temperature control device.
4. Each humidification system must have its own humidity control device.
5. Thermostats controlling both heating and cooling must be capable of maintaining a 5 degrees F deadband (a range of temperature where no heating or cooling is provided).
 - Exception: Deadband capability is not required if the thermostat does not have automatic changeover capability between heating and cooling.
6. The system or zone control must be a programmable thermostat or other automatic control meeting the following criteria:a) capable of setting back temperature to 55 degrees F during heating and setting up to 85 degrees F during coolingb) capable of automatically setting back or shutting down systems during unoccupied hours using 7 different day schedulesc) have an accessible 2-hour occupant override) have a battery back-up capable of maintaining programmed settings for at least 10 hours without power.
 - Exception: A setback or shutoff control is not required on thermostats that control systems serving areas that operate continuously.
 - Exception: A setback or shutoff control is not required on systems with total energy demand of 2 kW (6,826 Btu/h) or less.
7. Outdoor-air supply systems with design airflow rates $>3,000 \text{ cfm}$ of outdoor air and all exhaust systems must have dampers that are automatically closed while the equipment is not operating.
8. The system must supply outside ventilation air as required by Chapter 4 of the International Mechanical Code. If the ventilation system is designed to supply outdoor-air quantities exceeding minimum required levels, the system must be capable of reducing outdoor-air flow to the minimum required levels.
9. Air ducts must be insulated to the following levels:a) Supply and return air ducts for conditioned air located in unconditioned

spaces (spaces neither heated nor cooled) must be insulated with a minimum of R-5. Unconditioned spaces include attics, crawl spaces, unheated basements, and unheated garages.b) Supply and return air ducts and plenums must be insulated to a minimum of R-8 when located outside the building.c) When ducts are located within exterior components (e.g., floors or roofs), minimum R-8 insulation is required only between the duct and the building exterior.

- Exception: Duct insulation is not required on ducts located within equipment.
- Exception: Duct insulation is not required when the design temperature difference between the interior and exterior of the duct or plenum does not exceed 15 degrees F.

10. All joints, longitudinal and transverse seams, and connections in ductwork must be securely sealed using weldments; mechanical fasteners with seals, gaskets, or mastics; mesh and mastic sealing systems; or tapes. Tapes and mastics must be listed and labeled in accordance with UL 181A or UL 181B.
 - Exception: Continuously welded and locking-type longitudinal joints and seams on ducts operating at static pressures less than 2 inches w.g. pressure classification.
11. Mechanical fasteners and seals, mastics, or gaskets must be used when connecting ducts to fans and other air distribution equipment, including multiple-zone terminal units.
12. Operation and maintenance documentation must be provided to the owner that includes at least the following information:a) equipment capacity (input and output) and required maintenance actionsb) equipment operation and maintenance manualsc) HVAC system control maintenance and calibration information, including wiring diagrams, schematics, and control sequence descriptions; desired or field-determined set points must be permanently recorded on control drawings, at control devices, or, for digital control systems, in programming commentsd) complete narrative of how each system is intended to operate.
13. Each supply air outlet or diffuser and each zone terminal device (such as VAV or mixing box) must have its own balancing device. Acceptable balancing devices include adjustable dampers located within the ductwork, terminal devices, and supply air diffusers.
14. Service water heating equipment must meet minimum Federal efficiency requirements included in the National Appliance Energy Conservation Act and the Energy Policy Act of 1992, which meet or exceed ASHRAE 90.1 Code. New service water heating equipment can be assumed to meet these requirements.
15. Water-heating equipment must be provided with controls that allow the user to set the water temperature to 110 degrees F for dwelling units and 90 degrees F for other occupancies. Controls must limit output temperatures of lavatories in public facility restrooms to 110 degrees F.
16. Stair and elevator shaft vents must be equipped with motorized dampers capable of being automatically closed during normal building operation and interlocked to open as required by fire and smoke detection systems. All gravity outdoor air supply and exhaust hoods, vents, and ventilators must be equipped with motorized dampers that will automatically shut when the spaces served are not in use. Exceptions: - Gravity (non-motorized) dampers are acceptable in buildings less than three stories in height above grade. - Ventilation systems serving unconditioned spaces.

Attachment 2

ELECTRICAL ADDEDUM

Sheet E0.1

- Item #1 Add additional Lighting Fixture Type "T" Halo H2561 with 60watt A lamp 120volt.
- Item #2 Add additional Lighting Fixture Type "OG" Sure-Lites AEL1-SD-LASER complete with lamps, 120volt.

Sheet E2.1

- Item #1 Lighting fixture at top of the roof hatch is to be a Type "T".
- Item #2 Provide install and wire three Type "OG" Lighting fixtures. Locate one at each outside public door and one between the two man doors at the rear of the building. Wire the additional outdoor emergency fixtures on circuit A-41.

Sheet E3.1

- Item #1 Provide install and wire an additional Fire Alarm Horn Strobe in each Restroom @ 15 Candelas and loading area a@ 75 Candelas.
- Item #2 All of the Fire Alarms System Horn/Strobes are to be 75 Candelas.
- Item #3 Power Circuits for the Check-out counter are to be Circuits A-32,32 and A34,36.
- Item #4 Provide install and wire a manual thermal starters to serve a Unit Heater UH-1 in the Loading area. Circuit to circuit A-24 and make all final connections. Coordinate exact requirements with the mechanical contractor.
- Item #5 Provide install and wire an additional fourplex convenience outlet on the east wall of the raised Office and circuit to Circuit A-10.
- Item #6 The circuit for the ceiling duplex outlet above the Checkout counters is for the overhead monitor and is to be on circuit A-40.

LIST OF APPROVAL ITEMS

The following items, trade names, products and manufactures are approved for bidding. Approval does not relieve the bidder from satisfying the intent of the requirements of the drawings, specifications, and addenda in every respect. Failure to conform to the design quality and standards specified, established and required may result in later disapproval. If equipment must be disapproved after bidding, supplier shall supply specified equipment at no extra cost to the owner.

Items are listed generally and specific model number, etc. shall be as submitted. Items submitted but not approved either did not satisfy the requirements, or showed insufficient data, or arrived after the 8 day deadline established for the submittal process.

Lighting Fixtures

A	Daybrite	Lithonia	LSI
AE	Daybrite	Lithonia	LSI
B	Daybrite	Lithonia	LSI
BE	Daybrite	Lithonia	LSI
C	Daybrite	Lithonia	LSI
D	Daybrite	Lithonia	LSI
E	Daybrite	Evenlight	Lightguard
F	Daybrite	Lithonia	LSI
G	Daybrite	Gotham	LSI
H	Daybrite	Contech	LSI
X1	Daybrite	Evenlight	Lightguard
OA	Daybrite	Lithonia	Lightguard
OB	Daybrite	Lithonia	Lightguard
OC	Gardco	Lithonia	LSI
OD	Gardco	Lithonia	LSI
OE	Gardco	Lithonia	LSI
OF	Gardco	Lithonia	LSI

Attachment 3

Permit #

Permit Date



COMcheck Software Version 3.2.0

Lighting Application Worksheet

2003 IECC

Report Date:

Data filename: M:\Projects\2005\05291.00\Files\HARRIS~1.CCK

Section 1: Allowed Lighting Power Calculation

A	B Floor Area	C Allowed Watts / ft2	D Allowed Watts
Retail Sales, Wholesale Showroom	7262	1.5	10893
Total Allowed Watts =			10893

Section 2: Actual Lighting Power Calculation

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
T8 / T12 Fluorescent 1: A.B: 2 x 4 Troffer / 48" T8 32W / Electronic	3	70	96	6720
T8 / T12 Fluorescent 2: F: 4 Lamp Industrial / 48" T8 32W / Electronic	4	5	110	550
T8 / T12 Fluorescent 3: C: 2 Lamp wall fluo. / 48" T8 32W / Electronic	2	2	68	136
Compact Fluorescent 1: G: Rec Fluorescent / Triple 4-pin 42W / Electronic	1	8	48	384
Total Actual Watts =			7790	

Section 3: Compliance Calculation

If the Total Allowed Watts minus the Total Actual Watts is greater than or equal to zero, the building complies.

Total Allowed Watts = 10893
 Total Actual Watts = 7790
 Project Compliance = 3103

Lighting PASSES: Design 28% better than code.



COMcheck Software Version 3.2.0

Mechanical Compliance Certificate

2003 IECC

Report Date: 03/02/06

Data filename: M:\Projects\2005\05291.00\Files\HARRIS~1.CCK

Section 1: Project Information

Project Title:

Construction Site:

Owner/Agent:

Designer/Contractor:

Section 2: General Information

Building Location (for weather data): **Ogden, Utah**
 Climate Zone: **12b**
 Heating Degree Days (base 65 degrees F): **5557**
 Cooling Degree Days (base 65 degrees F): **1096**
 Project Type: **New Construction**

Section 3: Mechanical Systems List

Quantity System Type & Description

- | | |
|---|--|
| 4 | HVAC System 1: Heating: Duct Furnace, Gas / Cooling: Rooftop Package Unit, Capacity <65 kBtu/h, Air-Cooled Condenser / Single Zone |
| 1 | Storage Water Heater 1: Service Water Heater w/ Circulation Pump |

Section 4: Requirements Checklist

Requirements Specific To: HVAC System 1 :

- ☐ 1. Equipment minimum efficiency: Duct Furnace (Gas): 80% Ec
- ☐ 2. Equipment minimum efficiency: Rooftop Package Unit: 9.7 SEER

Requirements Specific To: Storage Water Heater 1 :

- ☐ 1. 1-in. pipe insulation on circulation systems
- ☐ 2. Automatic on/off control required for circulating systems
- ☐ 3. Electric Water Heater efficiency ≥ 0.85 EF, 291 SL, Btu/h (if > 12 kW)

Generic Requirements: Must be met by all systems to which the requirement is applicable:

- ☐ 1. Load calculations per 2001 ASHRAE Fundamentals
- ☐ 2. Plant equipment and system capacity no greater than needed to meet loads
 - Exception: Standby equipment automatically off when primary system is operating
 - Exception: Multiple units controlled to sequence operation as a function of load
- ☐ 3. Minimum one temperature control device per system
- ☐ 4. Minimum one humidity control device per installed humidification/dehumidification system
- ☐ 5. Thermostatic controls has 5 degrees F deadband
 - Exception: Thermostats requiring manual changeover between heating and cooling
- ☐ 6. Automatic Controls: Setback to 55 degrees F (heat) and 85 degrees F (cool); 7-day clock, 2-hour occupant override, 10-hour backup
 - Exception: Continuously operating zones

Attachment 4

Permit #

Permit Date



COMcheck Software Version 3.2.0

Lighting Compliance Certificate

2003 IECC

Report Date: 03/02/06

Data filename: M:\Projects\2005\05291.00\Files\HARRIS~1.CCK

Section 1: Project Information

Project Title:

Construction Site:

Owner/Agent:

Designer/Contractor:

Section 2: General Information

Building Use Description by:

Project Type: **New Construction**

Building Type

Retail Sales, Wholesale Showroom

Floor Area

7262

Section 3: Requirements Checklist

Interior Lighting:

- ☐ 1. Total actual watts must be less than or equal to total allowed watts.

Allowed Watts	Actual Watts	Complies
10893	7790	YES

- ☐ 2. Exit signs 5 Watts or less per side.

Exterior Lighting:

- ☐ 3. Efficacy greater than 45 lumens/W.

Exceptions:

Specialized lighting highlighting features of historic buildings; signage; safety or security lighting; low-voltage landscape lighting.

Controls, Switching, and Wiring:

- ☐ 4. Independent controls for each space (switch/occupancy sensor).

Exceptions:

Areas designated as security or emergency areas that must be continuously illuminated.
Lighting in stairways or corridors that are elements of the means of egress.

- ☐ 5. Master switch at entry to hotel/motel guest room.

- ☐ 6. Individual dwelling units separately metered.

- ☐ 7. Each space provided with a manual control to provide uniform light reduction by at least 50%.

Exceptions:

Only one luminaire in space;
An occupant-sensing device controls the area;
The area is a corridor, storeroom, restroom, public lobby or guest room;
Areas that use less than 0.6 Watts/sq.ft.

- ☐ 8. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

- ☐ 9. Photocell/astronomical time switch on exterior lights.

Exceptions:

Lighting intended for 24 hour use.

- ☐ 10. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

Exceptions:

Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 4: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2003 IECC, Chapter 8, requirements in COMcheck Version 3.2.0 and to comply with the mandatory requirements in the Requirements Checklist.

Principal Lighting Designer-Name

Signature

Date

- Exception: 2 kW demand or less, submit calculations
- ☐ 7. Automatic shut-off dampers on exhaust systems and supply systems with airflow >3,000 cfm
- ☐ 8. Outside-air source for ventilation; system capable of reducing OSA to required minimum
- ☐ 9. R-5 supply and return air duct insulation in unconditioned spaces R-8 supply and return air duct insulation outside the building R-8 insulation between ducts and the building exterior when ducts are part of a building assembly
 - Exception: Ducts located within equipment
 - Exception: Ducts with interior and exterior temperature difference not exceeding 15 degrees F.
- ☐ 10. Ducts sealed - longitudinal seams on rigid ducts; transverse seams on all ducts; UL 181A or 181B tapes and mastics
 - Exception: Continuously welded and locking-type longitudinal joints and seams on ducts operating at static pressures less than 2 inches w.g. pressure classification
- ☐ 11. Mechanical fasteners and sealants used to connect ducts and air distribution equipment
- ☐ 12. Operation and maintenance manual provided to building owner
- ☐ 13. Balancing devices provided in accordance with IMC 603.15
- ☐ 14. Newly purchased service water heating equipment meets the efficiency requirements
- ☐ 15. Water heater temperature controls: 110 degrees F for dwelling units or 90 degrees F for other occupancies
- ☐ 16. Stair and elevator shaft vents are equipped with motorized dampers

Section 5: Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2003 IECC requirements in COMcheck Version 3.2.0 and to comply with the mandatory requirements in the Requirements Checklist.

Principal Mechanical Designer-Name

Signature

Date

Attachment 6

ELECTRICAL ADDEDUM

Sheet E0.1

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OB	Daybrite	Lithonia	Lightguard
OC	Gardco	Lithonia	LSI
OD	Gardco	Lithonia	LSI
OE	Gardco	Lithonia	LSI
OF	Gardco	Lithonia	LSI

Attachment 7

STRUCTURAL ADDENDUM

Harrisville Liquor Store

February 22, 2006

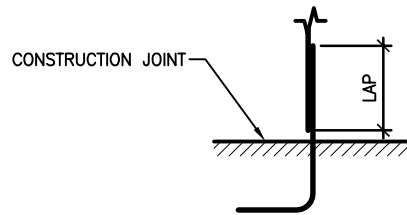
The following items must be included into the structural requirements for this project:

- 1) Reinforcing steel in concrete and masonry construction shall be spliced as indicated in the respective schedules on attached sheets SA1.0, and SA1.1.
- 2) The masonry piers between openings in the masonry walls on grid 4 shall have bond beam spacing adjusted to comply with the schedule on attached sheet SA1.2. This only applies to walls on grid 4.
- 3) Footing type FC6.5 shall be reinforced as indicated in the revised schedule on attached sheet SA1.3.
- 4) On sheet S101, Footing and Foundation Plan revise the column size at E3, D3, and C3 from HSS4X4X1/4 to HSS5X5X1/4.

MASONRY REBAR SPLICE SCHEDULE									
BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
MAS SINGLE MAT	1'-7"	2'-1"	2'-7"	4'-4"	5'-1"	6'-2"	7'-10"	MECH	MECH
MAS DOUBLE MAT	1'-7"	2'-4"	3'-6"	6'-10"	9'-1"	12'-5"	15'-4"	MECH	MECH

MASONRY REBAR SPLICE NOTES:

1. MECH = MECHANICAL SPLICE REQUIRED.
2. USE #6 BAR IN 10" OR LARGER WALLS ONLY.
3. $f'm = 1500$ PSI, $f_y = 60,000$ PSI
4. DOUBLE MAT REINFORCEMENT SHALL HAVE 2" CLEARANCE BETWEEN FACE OF WALL AND EDGE OF VERTICAL BAR.

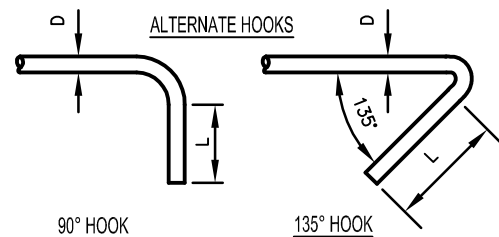
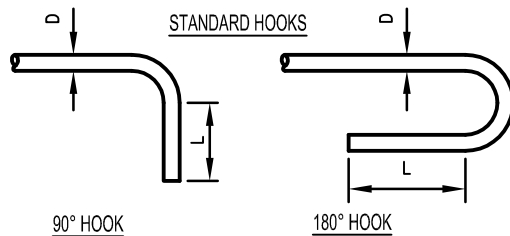


REBAR DEVELOPMENT DETAIL

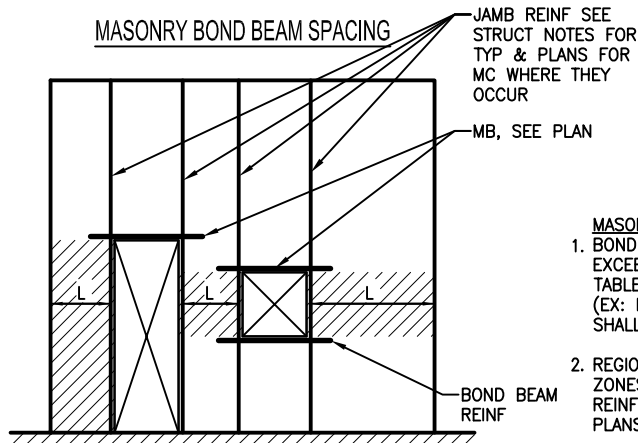
MASONRY STANDARD HOOKS					
BAR SIZE (D)	L				MIN BEND DIAMETER
	STANDARD		ALTERNATIVE		
	90°	180°	90°	135°	
#3	4½"	2½"	2¼"	2"	2½"
#4	6"	2½"	3"	3"	2½"
#5	7½"	2½"	3¾"	3¾"	2½"
#6	9"	3"	4½"	4½"	3"
#7	10½"	3½"	5¼"	5¼"	3½"
#8	12"	4"	6"	6"	4"

MASONRY STANDARD HOOK NOTES:

1. STANDARD HOOKS SHALL BE AROUND A PERPENDICULAR BAR, UNLESS NOTED OTHERWISE ON DRAWINGS.
2. ALTERNATIVE HOOKS ARE ONLY ALLOWED FOR MASONRY COLUMN TIES AND BEAM STIRRUPS.
3. COLUMN TIES SHALL BE 180° STANDARD OR 135° ALTERNATE HOOK. BEND DIAMETER IS MEASURED FROM INSIDE FACE OF REINFORCING.



MASONRY BOND BEAM SPACING



L	MAX BOND BEAM SPACING
0'-8" TO 3'-4"	8"
4'-0" TO 5'-4"	16"
6'-0" TO 7'-4"	24"
8'-0" TO 9'-4"	32"
10'-0" TO 11'-4"	40"
12'-0" OR LARGER	48"

MASONRY BOND BEAM NOTES:

- BOND BEAM SPACING SHALL NOT EXCEED DISTANCE INDICATED BY TABLE INSIDE HATCHED AREAS. (EX: IF L=4'-8", BOND BEAMS SHALL NOT EXCEED 16" O.C.).
- REGIONS OUTSIDE THE HATCHED ZONES MAY BE REINFORCED WITH REINFORCING INDICATED ON PLANS.
- WHERE BOND BEAM REINFORCING SPACING IS $\frac{1}{2}$ OR LESS THAN THAT REQD BY THE WALL SCHEDULE, BOND BEAM REINFORCING MAY BE REDUCED BY $\frac{1}{2}$.
- ALL HORIZONTAL REINFORCING SHALL TERMINATE WITH A STANDARD HOOK AROUND VERTICAL REINFORCING.



CALDER RICHARDS
CONSULTING ENGINEERS
2015 SOUTH 1100 EAST, SALT LAKE CITY, UT 84106
T: 801.466.1699 F: 801.467.2495

PROJECT: HARRISVILLE LIQUOR STORE

JOB No: 06031

SCALE: AS NOTED

DRAWN BY: SD

DESIGNED BY: KC

DATE: 2-22-2006

SA1.2

REINFORCING LAP LENGTH SPLICE SCHEDULES

TENSION BARS "Ld"

BAR SIZE	f _c = 3000psi				f _c = 4000psi				f _c = 5000psi				f _c = 6000psi			
	REGULAR		TOP		REGULAR		TOP		REGULAR		TOP		REGULAR		TOP	
	CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS		CLASS	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
#3	17"	22"	22"	28"	15"	19"	19"	24"	13"	17"	17"	22"	12"	16"	16"	21"
#4	22"	29"	29"	38"	18"	25"	26"	33"	17"	22"	23"	30"	16"	20"	21"	27"
#5	28"	36"	37"	48"	24"	31"	32"	42"	21"	28"	24"	37"	20"	25"	26"	34"
#6	33"	43"	45"	58"	29"	37"	39"	50"	26"	33"	35"	45"	24"	30"	32"	41"
#7	48"	63"	63"	82"	42"	55"	55"	71"	37"	48"	48"	62"	34"	45"	45"	58"
#8	55"	72"	72"	93"	48"	63"	63"	81"	42"	55"	55"	71"	39"	51"	51"	66"
#9	62"	81"	81"	105"	54"	71"	71"	92"	48"	62"	62"	80"	44"	57"	57"	74"
#10	70"	91"	91"	118"	61"	79"	79"	103"	54"	70"	70"	90"	50"	65"	65"	84"
#11	78"	101"	101"	131"	68"	88"	88"	114"	60"	77"	77"	100"	55"	72"	72"	93"

NOTES:

- THE SCHEDULE SHOWN APPLIES TO REG. WT. CONCRETE WITH 60ksi GRADE REINFORCING BARS.
- TOP BARS ARE HORIZONTAL BARS WITH 12" (OR MORE), OF FRESH CONCRETE CAST BELOW THE BARS.
- CLASS "A" SPLICES SHALL BE USED WHEN 50% (OR LESS) OF BARS SPLICED WITHIN LAP.
- CLASS "B" SPLICES SHALL BE USED FOR ALL ELSE, TYPICALLY w/ SHEARWALLS, COLUMNS, BEAMS & SLABS.
- FOR EPOXY COATED BARS, INCREASE LAP LENGTHS AS FOLLOWS:
 TOP BARS - $L_d \times 1.7$
 REGULAR BARS - $L_d \times 1.5$
- FOR BUNDLED BARS, INCREASE LAP LENGTHS AS FOLLOWS:
 BUNDLED BARS THREE OR LESS - $L_d \times 1.2$
 BUNDLED BARS FOUR OR MORE - $L_d \times 1.33$
 INDIVIDUAL BAR SPLICES WITHIN A BUNDLE SHALL NOT OVERLAP.
- LAP SPLICES ARE NOT ALLOWED FOR TIES AND STIRRUPS.



CALDER RICHARDS
 CONSULTING ENGINEERS
 2015 SOUTH 1100 EAST, SALT LAKE CITY, UT 84106
 T: 801.466.1699 F: 801.467.2495

PROJECT:

HARRISVILLE LIQUOR STORE

JOB No: 06031

SCALE: AS NOTED

DRAWN BY: SD

DESIGNED BY: KC

DATE:

2-22-2006

SA1.1

FOOTING SCHEDULE

MARK	WIDTH	LENGTH	THICK	CROSSWISE REINF.				LENGTHWISE REINF.				NOTES
				NO.	SIZE	LENGTH	SPA.	NO.	SIZE	LENGTH	SPA.	
FC2.0	2'-0"	CONT.	12"	--	--	--	--	(2)	#5	CONT.	EQ.	--
FC2.0*	2'-0"	CONT.	12"	--	--	--	--	(2)	#5	CONT.	EQ.	* THICKENED SLAB
FC3.0	3'-0"	CONT.	12"	--	#4	2'-6"	18"	(3)	#5	CONT.	EQ.	--
FC4.0	4'-0"	CONT.	SEE DETAIL 13/S301									
FC5.5	5'-6"	CONT.	SEE DETAIL 13/S301									
FC6.5	6'-6"	6'-6"	12"	(7)	#5	6'-0"	EQ.	(7)	#5	6'-0"	EQ.	--
FS4.0	4'-0"	4'-0"	12"	(4)	#4	3'-6"	EQ.	(4)	#4	3'-6"	EQ.	--
FS7.5	7'-6"	7'-6"	12"	(8)	#5	7'-0"	EQ.	(8)	#5	7'-0"	EQ.	--

1



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SA1.3

Attachment 8

CODE ANALYSIS

APPLICABLE CODES			
Year		Year	
International Building Code	2003	National Electrical Code	2002
International Mechanical Code	2003	Uniform Code for	
International Plumbing Code	2003	Building Conservation	1997
International Fire Code	2003	ADA Accessibility	
International Energy		Guidelines	CURRENT
Conservation Code	2003		

A. Occupancy and Group: M S-1

Change in Use: Yes No Mixed Occupancy: Yes X No
Special Use and Occupancy (e.g. High Rise, Covered Mall):

B. Seismic Design Category: D Design Wind Speed: 90 mph

C. Type of Construction (circle one):

$\frac{I}{A}$ $\frac{I}{B}$ $\frac{II}{A}$ $\frac{II}{B}$ $\frac{III}{A}$ $\frac{III}{B}$ $\frac{IV}{HT}$ $\frac{V}{A}$ $\frac{V}{B}$

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):

North: NA South: 1 HR East: NA West: NA

E. Mixed Occupancies: Nonseparated Uses: X

F. Sprinklers:

Required: X Provided: X Type of Sprinkler System: AUTOMATIC

G. Number of Stories: 1 Building Height: 1

H. Actual Area per Floor (square feet): 8410

I. Tabular Area: 9000

J. Area Modifications: NOT REQUIRED

a) $A_a = A_t + \left[\frac{A_t I_t}{100} \right] + \left[\frac{A_t I_s}{100} \right]$ $I_t = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$

a) $13500 = 9000 + \left[\frac{9000 \times .5}{100} \right] \left[\frac{A_t I_s}{100} \right]$ $.5 = 100 \left[\frac{319}{422} - 0.25 \right] \frac{30}{30}$

b) Sum of the Ratio Calculations for Mixed Occupancies:

$\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$ $\frac{5660 \text{ (GROUP M)}}{9000} \leq 1$ $\frac{2750 \text{ (GROUP S-1)}}{9000} \leq 1$

c) Total Allowable Area for:

- 1) One Story: 13500
2) Two Story: $A_a(2)$
3) Three Story: $A_a(3)$
d) Unlimited Area Building: Yes No Code Section:

K. Fire Resistance Rating Requirements for Building Elements (hours).

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls	0*		Floors - Ceiling Floors	0	
Interior Bearing Walls	0		Roofs - Ceiling Roofs	0	
Exterior Non-Bearing Walls	0		Exterior Doors and Windows	0	
Structural Frame	0		Shaft Enclosures	0	
Partitions - Permanent	0		Fire Walls	0	
Fire Barriers	0		Fire Partitions	0	
			Smoke Partitions		

* SOUTH EXTERIOR BEARING WALL IS GREATER THAN 5' BUT LESS THAN 30' FROM THE PROPERTY LINE REQUIRING A 1HR RATING. THE WALL IS CONSTRUCTED OF 8X8X16 CMU EXCEEDING THE 1HR RATING PER 2003 IBC TABLE 720.1.3 FOR CONCRETE MASONRY UNITS

L. Design Occupant Load: 198

Exit Width Required: 30 Exit Width Provided: 132

M. Minimum Number of Required Plumbing Facilities:

- a) Water Closets - Required (m) 1 (f) 1 Provided (m) 1 (f) 1
b) Lavatories - Required (m) 1 (f) 1 Provided (m) 1 (f) 1
c) Bath Tubs or Showers: 0
d) Drinking Fountains: 1 Service Sinks: 1

FOOTNOTES:

- 1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through V - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
- 2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
- a) High Rise Requirements.
b) Atriums.
c) Performance Based Criteria.
d) Means or Egress Analysis.
e) Fire Assembly Locator Sheet.
f) Exterior and Interior Accessibility Route.
g) Fire Stopping, Including Tested Design Number.

ADDENDUM

March 3, 2006

PROJECT

Ogden Patterson Liquor Store #24

OWNER

State of Utah, Department of Alcoholic Beverage Control

ARCHITECT

Eaton Architecture, LLC
77 West 200 South, Suite 302
Salt Lake City, Utah 84101

The original Contract Documents issued for the above stated project are amended as noted in this Addendum. It shall be the sole responsibility of the bidder to appropriately disseminate this information to all concerned parties prior to the assigned bid time and date, and to coordinate the Addendum with the Contract Documents.

Receipt of this Addendum shall be acknowledged by inserting its number in the appropriate space provided on the bid form. This Addendum consists of a total of twelve (12) 8½" x 11" sheets. If there are still unresolved questions after examining this Addendum, please submit those questions via telephone or facsimile as soon as possible so that an Addendum can be issued to clarify those issues prior to bid.

ITEMS

1. Drawing Sheet A502- Window Types and Details was missing from the web posting fore this project. The missing drawing file has now been included for viewing.
2. Grade elevation annotation has been included on the sheet C102- Grading Plan. Refer to this sheet for grading information rather than sheet AS101.
3. Door number 101B, pair store front entrance doors, will have an automatic door operator-Sargent 4000 Series (Pedestal mtd. actuator –exterior, wall mtd. interior, single cooperation at vestibule, or approved equal.
4. Information for the display cases by Jahabow Industries, Inc. as referenced in Reference Note #4 on sheet A101 can be obtained at Advanced Display & Store Fixtures, (801) 262-3414.
5. The symbol and note on the Symbol Legend on sheet A301 denotes an 8" C.M.U. wall with 1-1/2" metal channel furring. This note shall be disregarded and the exterior wall furring shall be 3-5/8" metal stud furring as shown on the floor plan on sheet A101 and on the wall sections on sheet A401.
6. Underfloor framing of platform office area will be 8" super "C" metal floor joists with 5/8" plywood decking sandwiched between ½" type X gypsum board and metal studs. Under floor area will be sprinklered.
7. The metal stud fascia/parapet framing shown on 01/A401 shall be 6" 24 ga. Metal stud framing per structural details 7/S-401 and 11/S-401.
8. Continuous reinforced concrete footings and retaining walls shall be installed for the two landings and stairs at the North side of the building per structural detail 2/S-101 and the attached retaining wall schedule.
9. The C.M.U. trash bin enclosure shall be located as shown on drawing sheet AS101 rather than as shown on sheet S-201.

Eaton Architecture LLC

77 West 200 South, Suite 302 * Salt Lake City, UT 84101 * phone (801) 328-2982 * fax (801) 328-2111

10. Disregard the ramps from landings shown on sheet A202. Stairs shall be included as shown on sheets A201 and A101. Sheet A202 is included only to show the alternate masonry pattern.
 11. The elevations of the footings shall be coordinated with the grading elevations shown on sheet C102. Bottom of footings shall be maintained at 2'-6" minimum below top of grade. Footings shall step down to maintain this required depth along the North and South sides of the building. Steps in the footings shall be no greater than 2'-0". The top of the foundation wall shall be at 8" above finished floor height at the entire perimeter of the building.
 12. The entry mat flooring called for in the Finish Schedule on sheet A104 shall be metal grille roll-up type mat with track strips by Pawling Corp.- Roll-deck EM60 or equal by C.S. Inc., Muncie, PA or R.C. Munson. The concrete floor will not need to be recessed at entry mat areas.
 13. Fire Hydrant location is on the NW corner of Patterson Street and Brinker Blvd.
 14. Accessible parking stall signs shall be located 5' above ground to the bottom of the sign.
 15. Clarification of Guardrail railing is described on Addendum Dwg. #1
 16. Clarification of clear dimension to lavatory facility is provided on Addendum Dwg. #2
 17. Clarification of Signage requirements is shown on Addendum Dwg. # 3.
 18. Electrical Addendum Items as listed below:
-
- | | |
|---------|---|
| 19. | Sheet E0.1 |
| Item #1 | Add additional Lighting Fixture Type "OD" Sure-Lites AEL1-SD-LASER complete with lamps, 120volt. |
| 20. | |
| Item #2 | Sheet E2.1
Provide install and wire Four Type "OD" Lighting fixtures. Locate one above each outside public door and one above each of the man doors at the side of the building. Wire the additional outdoor emergency fixtures on circuit A-41. |
| 21. | |
| Item #1 | Sheet E3.1
All of the Fire Alarms System Horn/Strobes are to be 75 Candelas except the Restrooms @ 15 Candelas and loading area @ 30 Candelas. |

23. LIST OF APPROVAL ITEMS

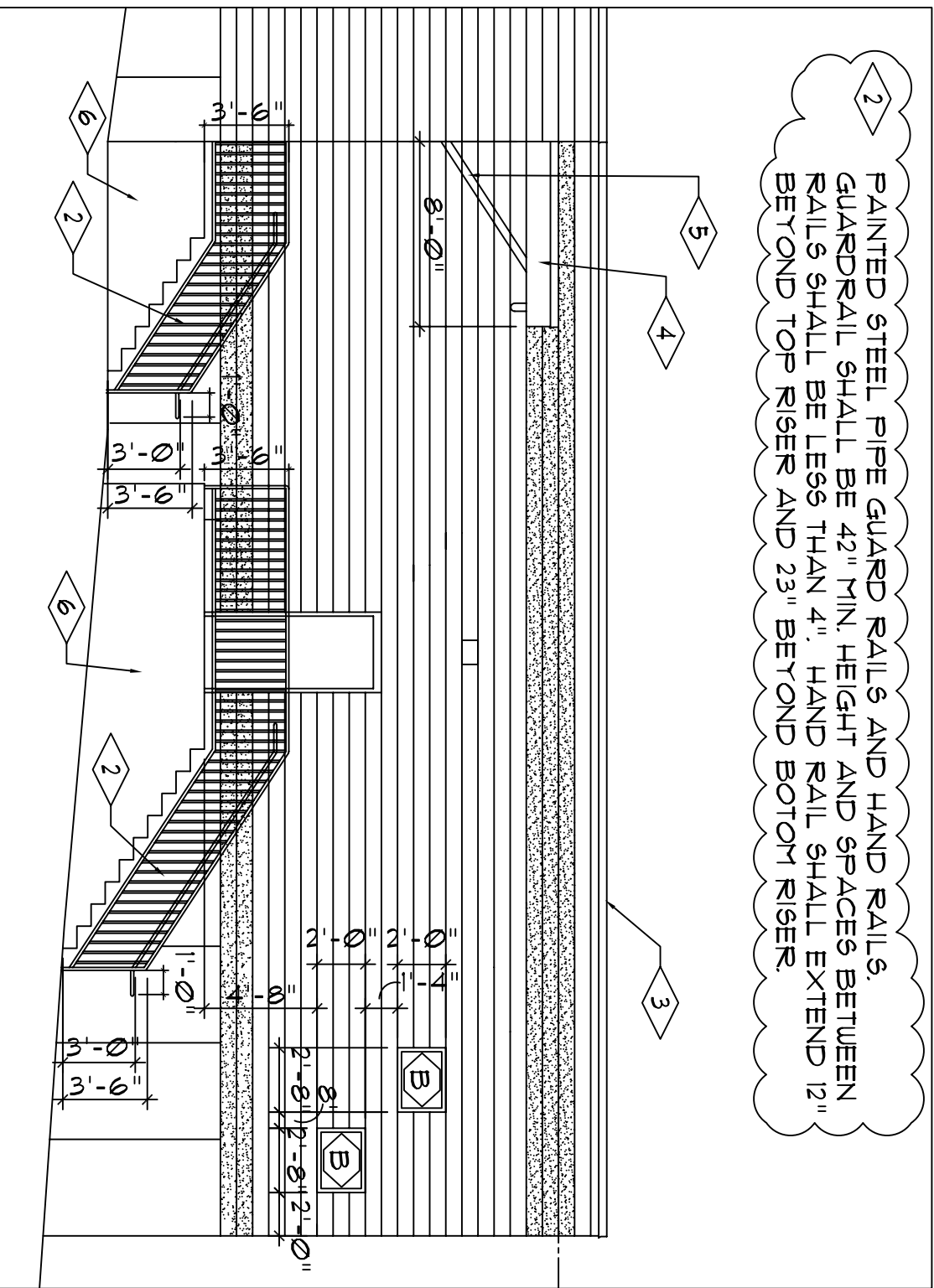
The following items, trade names, products and manufactures are approved for bidding. Approval does not relieve the bidder from satisfying the intent of the requirements of the drawings, specifications, and addenda in every respect. Failure to conform to the design quality and standards specified, established and required may result in later disapproval. If equipment must be disapproved after bidding, supplier shall supply specified equipment at no extra cost to the owner.

Items are listed generally and specific model number, etc. shall be as submitted. Items submitted but not approved either did not satisfy the requirements, or showed insufficient data, or arrived after the 8 day deadline established for the submittal process.

Lighting Fixtures

A	Daybrite	Lithonia	LSI	Columbia
AE	Daybrite	Lithonia	LSI	Columbia
B	Daybrite	Lithonia	LSI	Columbia
BE	Daybrite	Lithonia	LSI	Columbia
C	Daybrite	Lithonia	LSI	Columbia
D	Daybrite	Lithonia	LSI	Columbia
E	Daybrite	Evenlight	Lightguard	Dual-Lite
F	Daybrite	Lithonia	LSI	Columbia
G	Daybrite	Gotham	LSI	Prescolite
H	Daybrite	Contech	LSI	Prescolite
X1	Daybrite	Evenlight	Lightguard	Dual-Lite
OA	Daybrite	Lithonia	LSI	Architectural Area Light
OB	Daybrite	Lithonia	LSI	Hubbell
OC	Gardco	Lithonia	LSI	Kim

2 PAINTED STEEL PIPE GUARD RAILS AND HAND RAILS. GUARDRAIL SHALL BE 42" MIN. HEIGHT AND SPACES BETWEEN RAILS SHALL BE LESS THAN 4". HAND RAIL SHALL EXTEND 12" BEYOND TOP RISER AND 23" BEYOND BOTOM RISER.



SCALE:

- DOOR SIGNAGE DETAIL:**

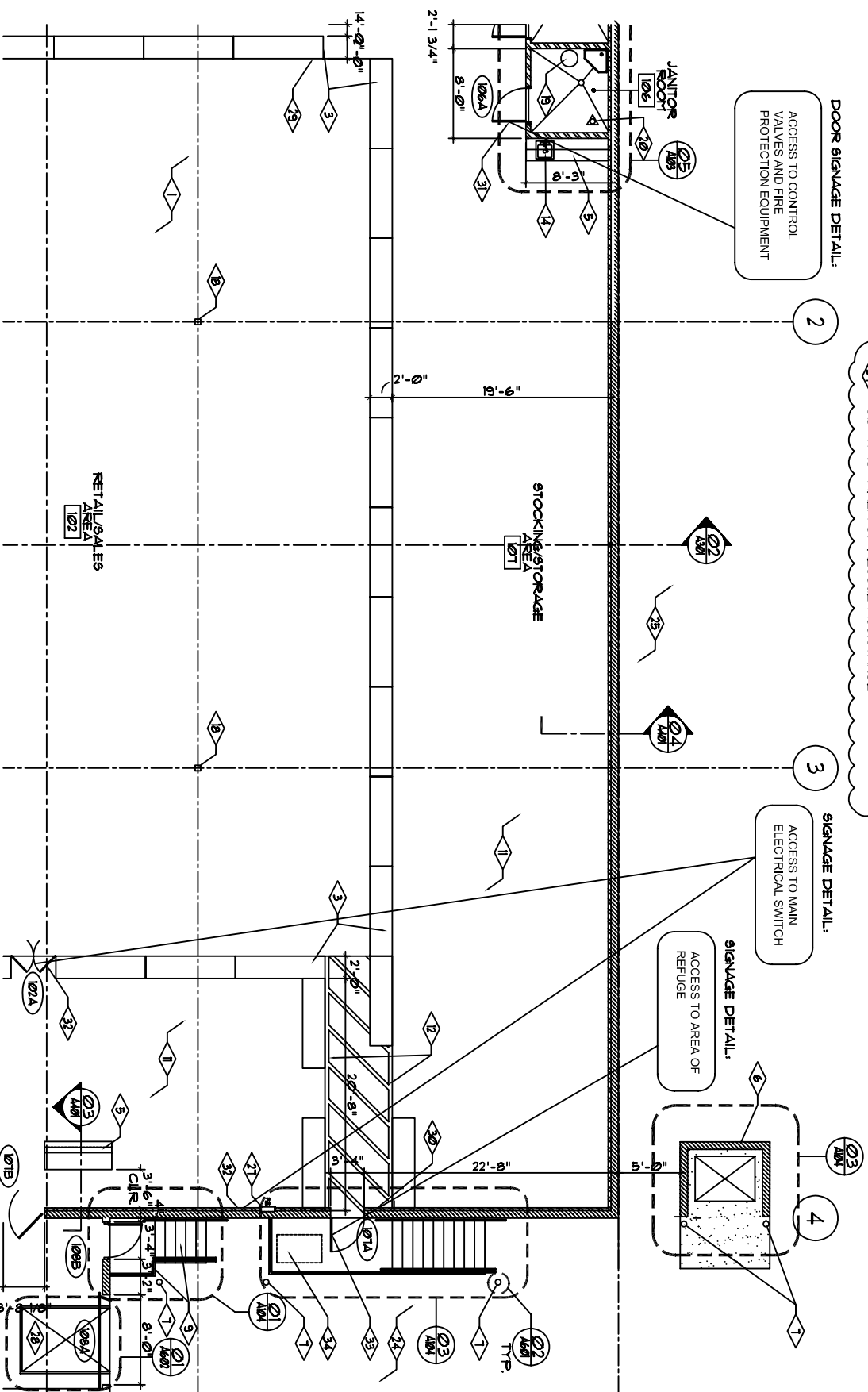
SIGNAGE DETAIL:

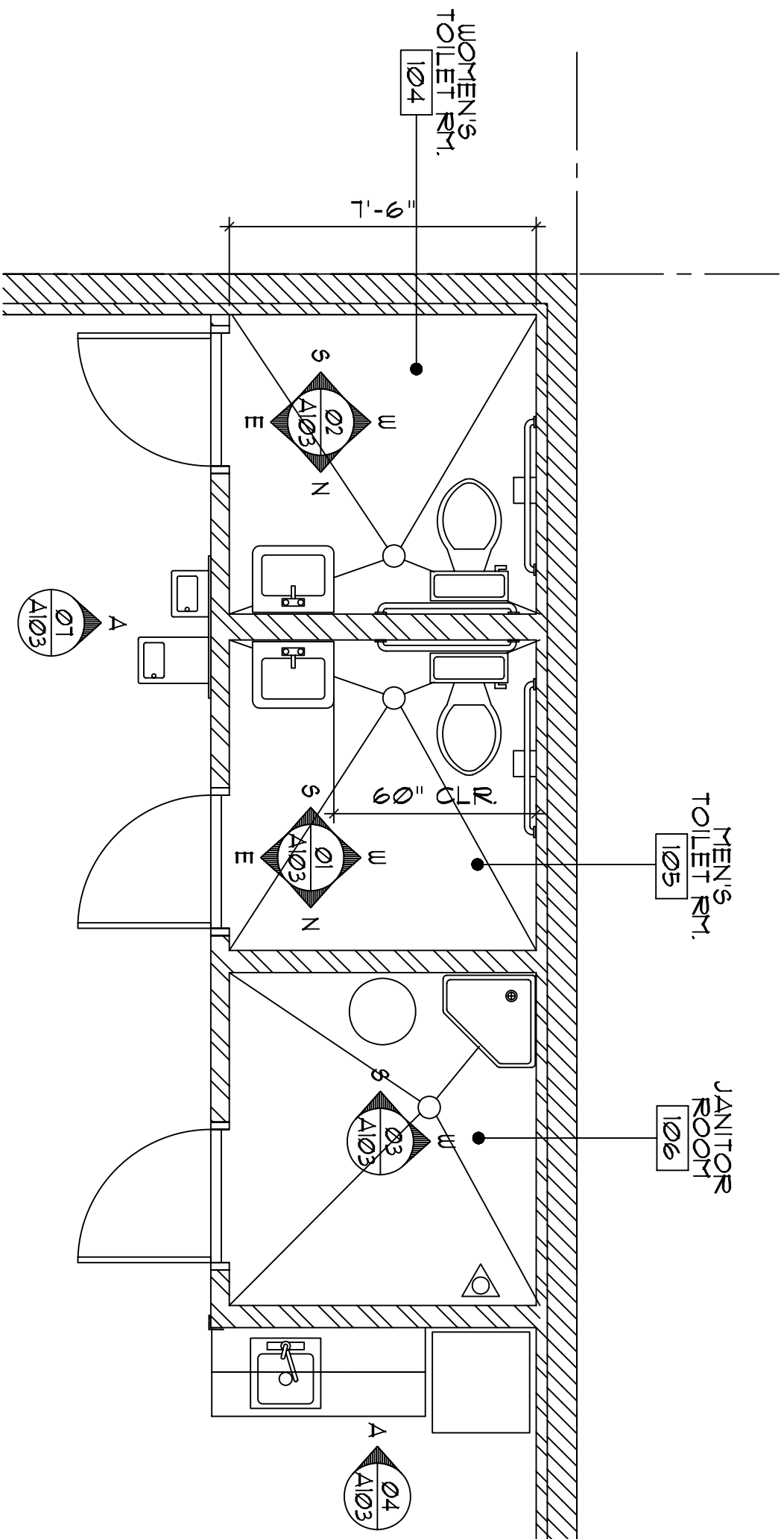
ACCESS TO CONTROL
VALVES AND FIRE
PROTECTION EQUIPMENT

ACCESS TO MAIN
ELECTRICAL SWITCH

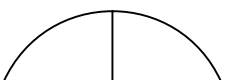
SIGNAGE DETAIL:

ACCESS TO AREA OF
DEFINITION

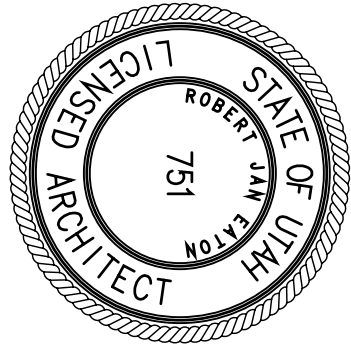




05 ENLARGED PLAN
 SCALE: 1/4" = 1'-0"



CONSULTANTS



OGDEN PATTERSON LIQUOR STORE # 24

OGDEN,UTAH

OWNER

UTAH DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL

MARK	01-24-06
DATE	DESCRIPTION

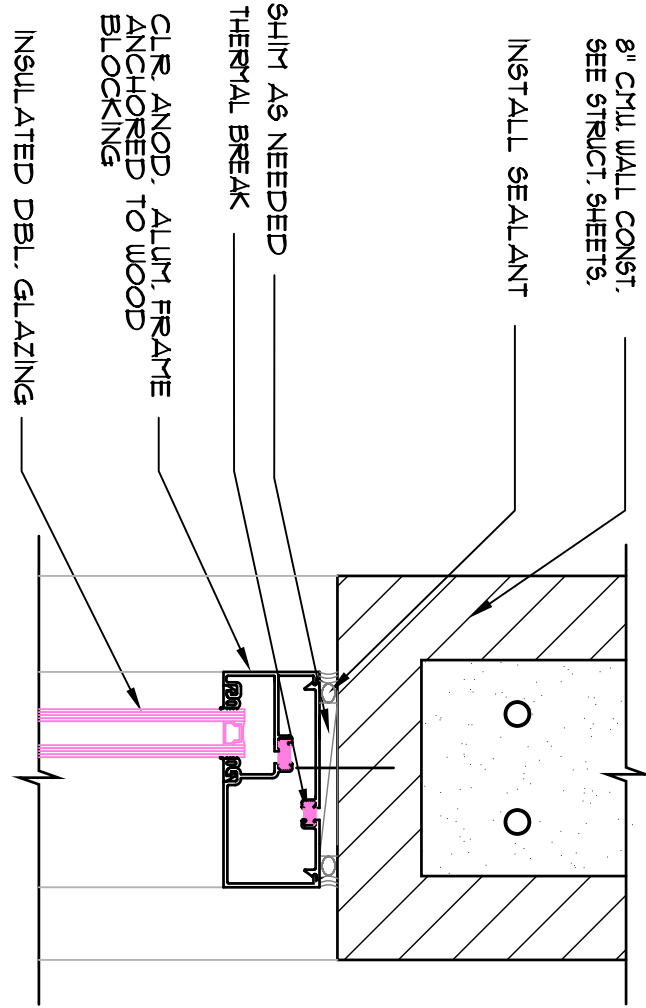
PROJECT NUMBER: 2005-13
DRAWING FILE:
DRAWN BY:
CHECKED BY:
COPYRIGHT 2003 EATON ARCHITECTURE, LLC

SHEET TITLE

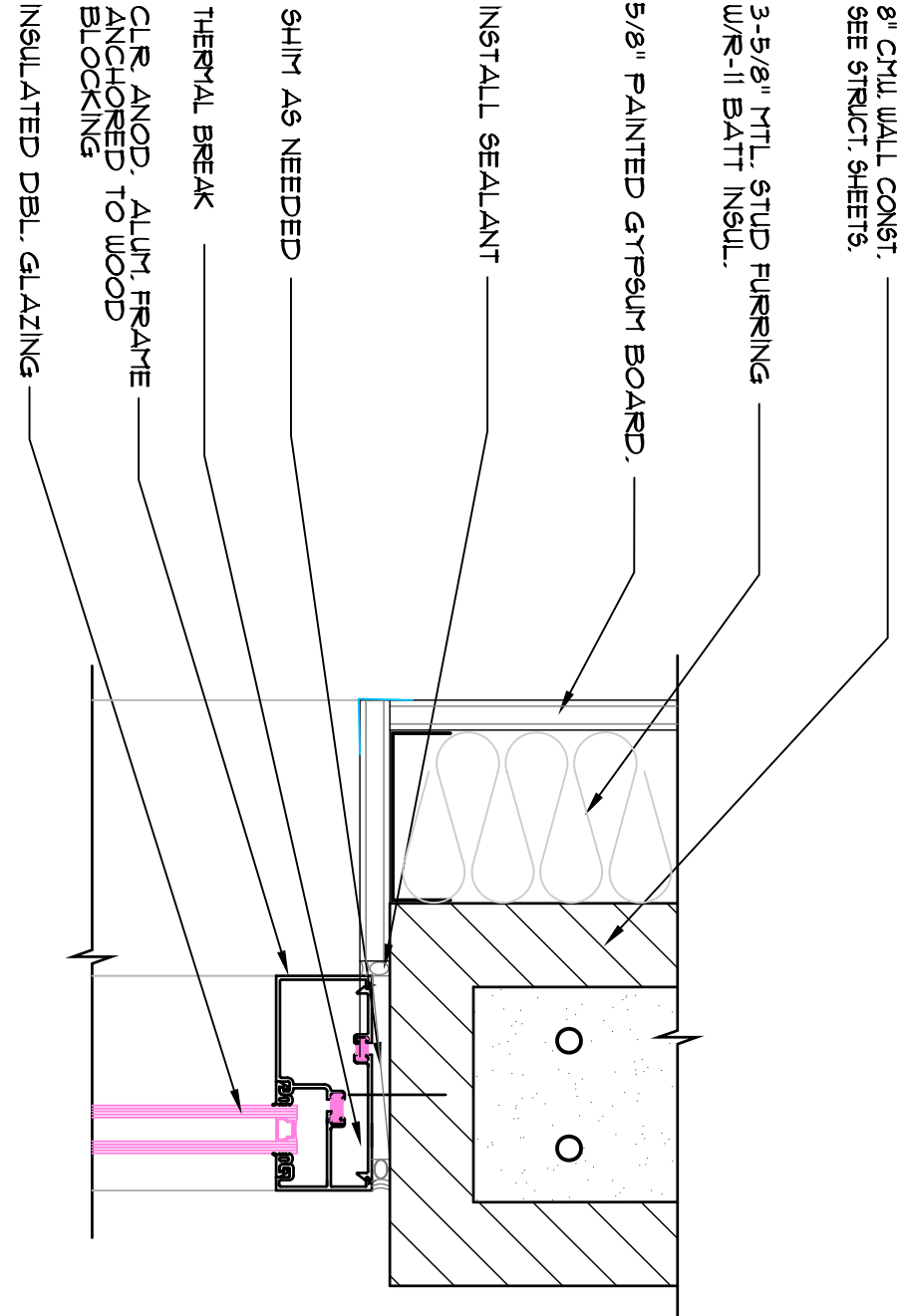
WINDOW TYPES AND DETAILS

A502

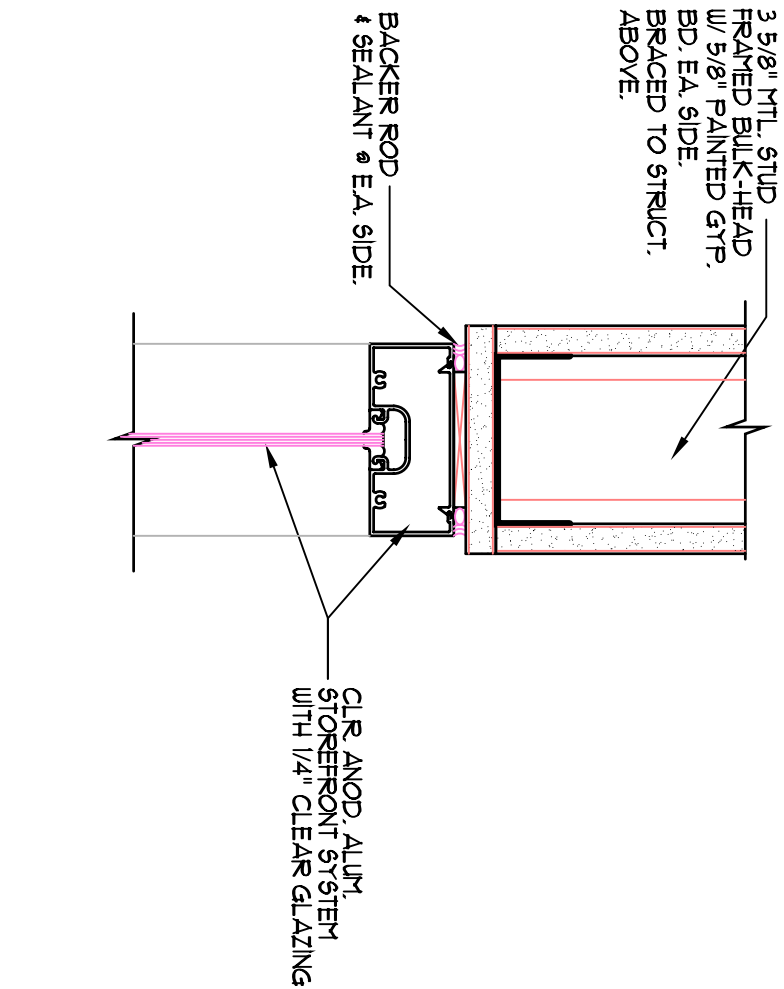
OF



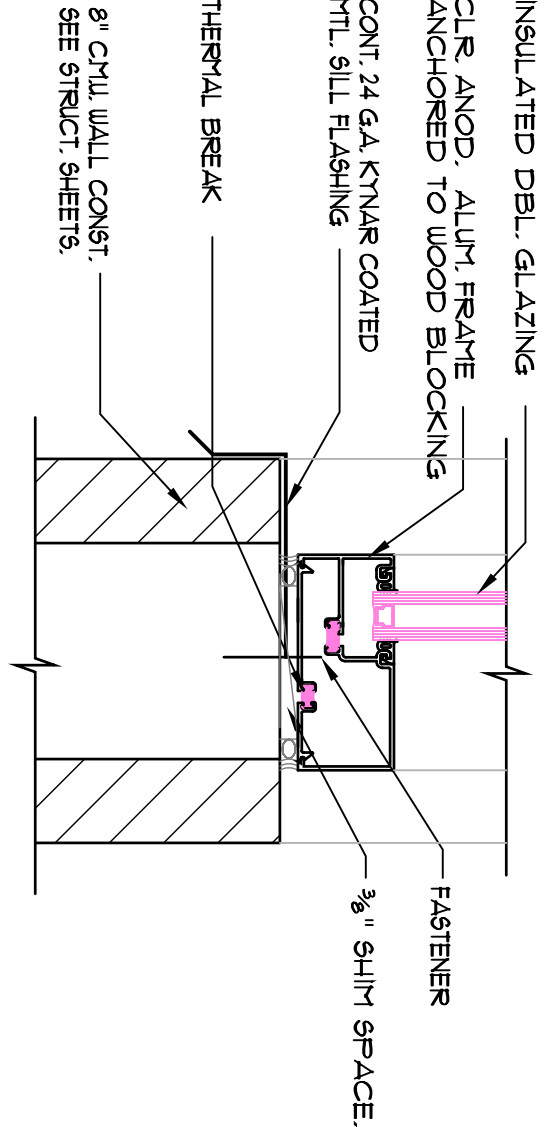
05 WINDOW HEAD DETAIL (JAMB SIM)
SCALE: 3" = 1'-0"



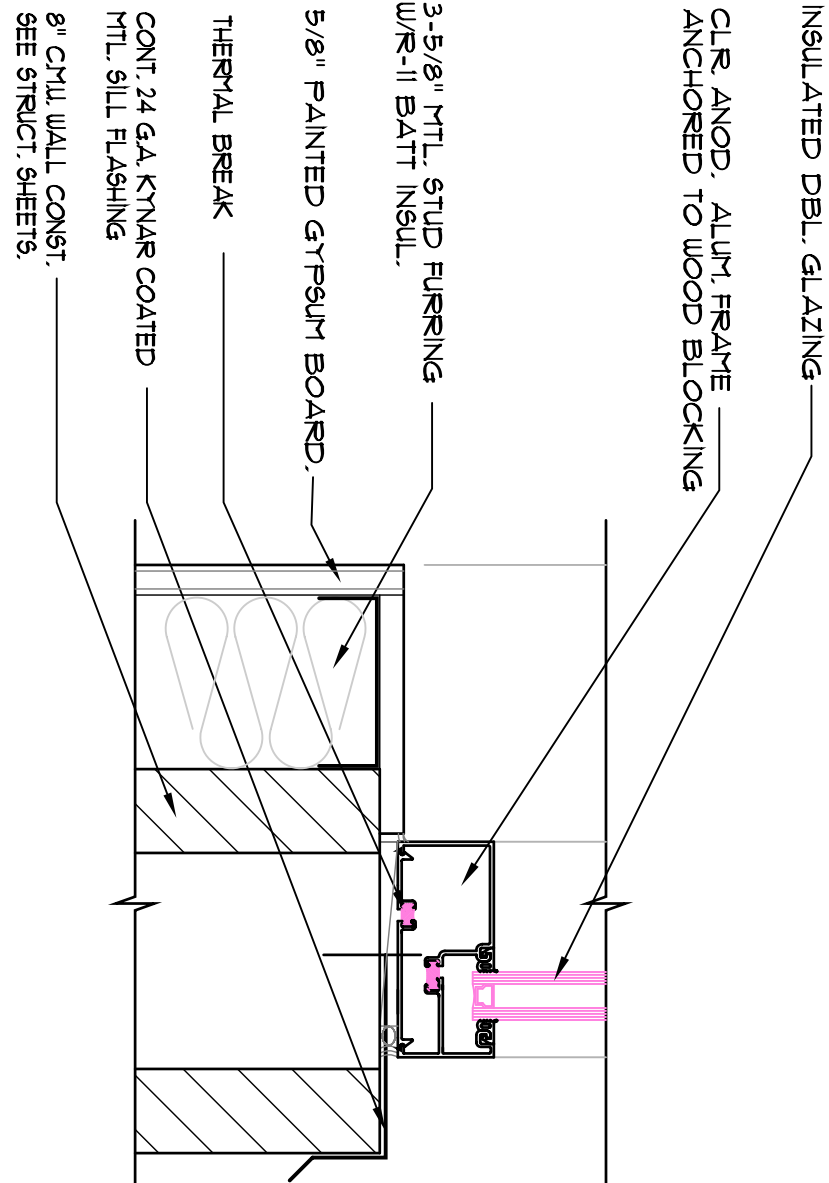
03 WINDOW HEAD DETAIL (JAMB SIM)
SCALE: 3" = 1'-0"



06 WINDOW HEAD DETAIL
SCALE: 3" = 1'-0"



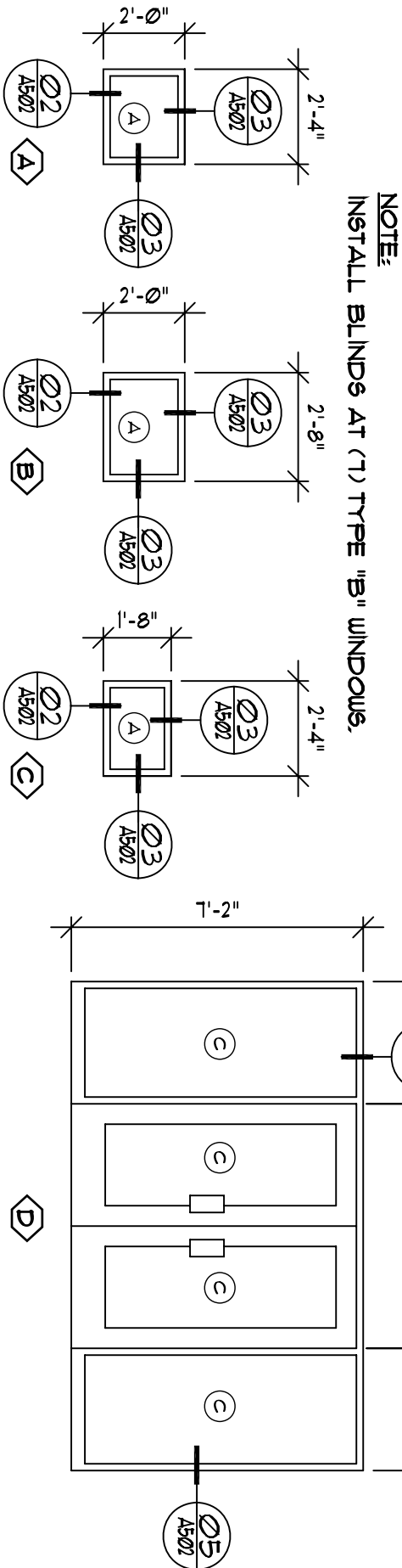
04 WINDOW SILL DETAIL
SCALE: 3" = 1'-0"



02 WINDOW SILL DETAIL
SCALE: 3" = 1'-0"

GLAZING TYPES

- A 1/4" DBL. PANED INSL. TINTED GLASS.
- B 1/4" DBL. PANED INSL. TINTED TEMPERED GLASS.
- C 1/4" SINGLE PANED CLR. TEMPERED GLASS.



01 WINDOW TYPES
SCALE: 1/4" = 1'-0"